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Acrylic Labware

Balance Shields

Balance Shields

Balance Shields help protect sensitive measurings from drafts while maintaining a controlled environment. They are for use with high-precision electronic balances and also help protect expensive equipment from knocks and spills. A removable lid allows additional access when pouring liquids or adding dry chemicals from the top. Both shields have three sides, each with a notch at the bottom to position a power cord where needed.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-90	Small	12¼ x 13 x 12 in.	1/ea
S1389-89	Large	22 x 16¼ x 16¼ in.	1/ea

Balance Shield Guards

Balance Shield Guards are designed to help protect samples during weighing. They enclose the balance, leaving the controls exposed for easy access. The hinged lid offers direct access to the weighing pan. In addition, a 1 in. hole on the top of the lid allows for sample dispensing. The guards are designed for Mettler balances with a housing of 2 H x 7¾ W x 12½ in. D. Sartorius balances with a housing of 2½ H x 8 W x 11 in. D and equivalently sized electronic balances.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-91	Balance shield guard, Mettler	6½ x 9 x 13 in.	1/ea
S1389-92	Balance shield guard, Sartorius	6½ x 10½ x 11½ in.	1/ea

Beta Radiation Shielding

*Lockable Beta Storage Units

Safely store reagents and liquids that emit beta isotopes such as H, C, P and S with these lockable storage units. The keyed lid (two keys supplied) protects contents from unauthorized users. The ⅜ in.-thick acrylic provides protection from exposure to beta radiation during transport, storage or general use. The containers can withstand temperatures as low as -70°C. The hinged lids provide easy access to the containers' interior and the base has four screw holes for securing to cabinets, shelves or racks in refrigeration units. Two sizes available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-111	Small container	4¾ x 11 x 8 in. - base size: 5¼ D x 7½ in. W	1/ea
S1389-112	Large container	10 x 12 x 9¾ in. - base size: 8¼ D x 12½ in. W	1/ea

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

Beta Radiation Shielding

*Beta Containers

Safely store reagents that emit beta isotopes, such as H, C, P and S, with beta storage containers. The ⅜ in.-thick acrylic provides protection from exposure to beta radiation during transport, storage or general use. The containers can withstand temperatures as low as -70°C. The hinged lids provide easy access to the containers' interior. Two sizes available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-82	Small container	4¾ x 11 x 8 in.	1/ea
S1389-83	Large container	10 x 12 x 9¾ in.	1/ea
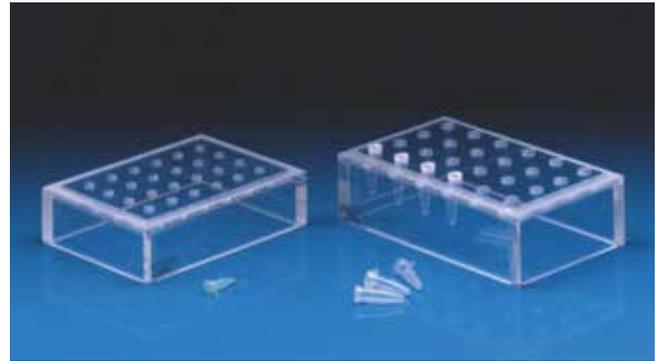
*Microcentrifuge Tube Racks

Suitable for carrying and storing up to 24 microcentrifuge tubes, these ⅜ in.-thick racks help to reduce exposure to beta radiation. The open bottom permits rapid equilibration of the tubes when placed in a constant temperature water bath. Two sizes are available to hold 0.5mL or 1.5mL microcentrifuge tubes. Several racks can be conveniently stacked to save space.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-81	Rack for 0.5mL tubes	1¾ x 7¼ x 5¼ in.	1/ea
S1389-80	Rack for 1.5mL tubes	2½ x 8¼ x 5¼ in.	1/ea

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

Blood Bank Accessories

Blood bag two compartment tray CHBBTR-2

Blood bag four compartment tray CHBBTRY-4

Blood bag organizer S1389-1 and blood bag tray S1389-2

Blood Bag Organizers

Blood Bag Organizers have four removable trays in a sturdy acrylic holder that fits into most drawer-type refrigerators. The organizer was designed so that blood bags can be easily stored by type and Rh factor. In addition, it keeps the bags from coming into direct contact with the refrigerator shelf. Each tray has a handle at both ends and holds up to eight blood bags. Trays may be purchased separately. Each tray is made of sturdy, clear acrylic. Two- and four-compartment trays may be used separately or used in the organizer. May be used in blood bag holder S1389-3.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-1	Organizer	5 x 22½ x 18¾ in.	1/ea
S1389-2	Tray	5 x 5 x 18¼ in.	1/ea
S1389-3	Tray holder	3 x 22½ x 18¾ in.	1/ea
CHBBTR-2	2-compartment tray	5 x 5 x 4¾ in.	1/ea
CHBBTRY-4	4-compartment tray	5 x 5 x 9¼ in.	1/ea

Acrylic Labware

Blood Bank Accessories

Single blood bag holders

Single Blood Bag Holders and Blood Bag Multi-trays

These holders keep blood bags upright to help prevent contact with refrigerator shelves. The clear acrylic allows visibility of bag and labels. The bag holders are easy to clean with soap, water and disinfectants. Their compact size allows for easy storage in a refrigerator or refrigerator door, and their gentle clamp design helps keep them in place during processing, storage and transport. Dimensions (W x H x D): 4 x 4½ x 2 in. Blood bag holder multi-trays provide for organization, transport and storage of groups of blood bag holders. Two sizes available, 6-single blood bag holder 15 L x 5¼ in. W and 12-single blood bag holder 30 L x 5¼ in. W.
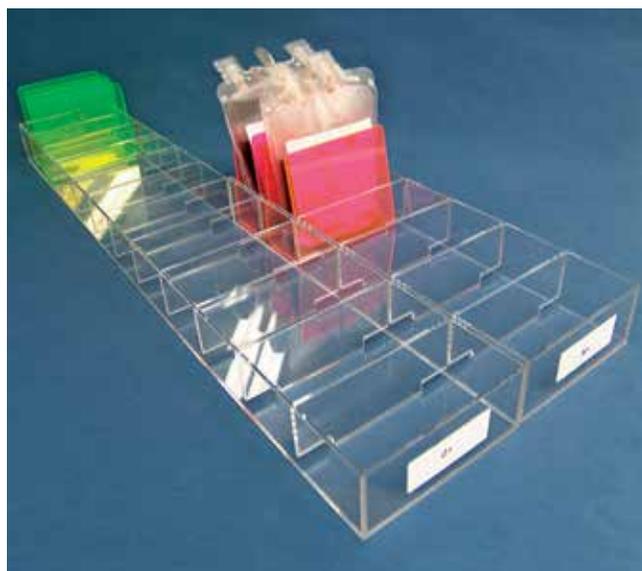
Blood bag holder multi-trays, holds 6 - CHBBHTRY6, holds 12 - CHBBHTRY12

Cat. No.	Description	Color	Qty.
S1389-169	Single holder	Clear	1/ea
S1389-171	6-pack, holders	Clear	1/ea
S1389-170	12-pack, holders	Clear	1/ea
CHBBHBLU-1	Single holder	Neon blue	1/ea
CHBBHGRN-1	Single holder	Neon green	1/ea
CHBBHRED-1	Single holder	Neon red	1/ea
CHBBHYLW-1	Single holder	Neon yellow	1/ea
CHBBHBLU-6	6-pack, holders	Neon blue	1/ea
CHBBHGRN-6	6-pack, holders	Neon green	1/ea
CHBBHRED-6	6-pack, holders	Neon red	1/ea
CHBBHYLW-6	6-pack, holders	Neon yellow	1/ea
CHBBHBLU12	12-pack, holders	Neon blue	1/ea
CHBBHGRN12	12-pack, holders	Neon green	1/ea
CHBBHRED12	12-pack, holders	Neon red	1/ea
CHBBHYLW12	12-pack, holders	Neon yellow	1/ea
CHBBHTRY6	Multi-tray, holds 6	Clear	1/ea
CHBBHTRY12	Multi-tray, holds 12	Clear	1/ea

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Blood Collection Tube Organizer

This organizer is comprised of a blood collection tube dispenser and a blood collection tube rack/lid. The blood collection tube dispenser holds tubes up to 100mm in length for easy access by the phlebotomist. Once a blood sample is drawn, the tube may be stored in the rack on top of the dispenser. This rack holds up to 24 tubes, 16mm in diameter or less. To fill, lift the rack/lid and allow the tubes to roll from their package into the dispenser. A sloped bottom guides the tubes toward an opening in the dispenser's front panel. The dispenser and the rack/lid may be purchased separately.

Cat. No.	Description (H x W x D)	Qty.
S1389-4	Organizer, 11¼ x 4¾ x 7½ in.	1/ea
S1389-5	Rack/lid	1/ea
S1389-6	Dispenser	1/ea

Phlebotomy Cabinets

These cabinets have a hinged front cover to protect its contents from dust. The cover is made of clear acrylic so the contents can be readily identified. Six compartments, each 4¾ x 4¾ in., provide room to organize and store a variety of items. The top surface has ample room for additional items or small storage units, such as the mini-dispensing bin S1389-40.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-52	Phlebotomy cabinet	10¾ x 15 x 6 in.	1/ea
S1389-40	Mini-dispensing bin	8½ x 5 x 6 in.	1/ea

Phlebotomy Organizer

This organizer was designed with the phlebotomist in mind. The eight compartments, 4 x 4¾ in. each, hold blood collection tubes, swabs, needles, cotton balls and any other item used in blood collection. It is made to fit on the table top of most phlebotomy carts.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-51	Phlebotomy organizer	10 x 15 x 5 in.	1/ea

Acrylic Labware

Desiccator Storage Cabinets
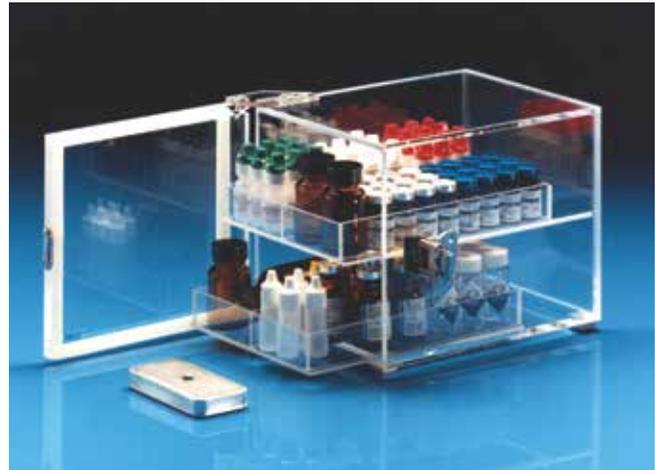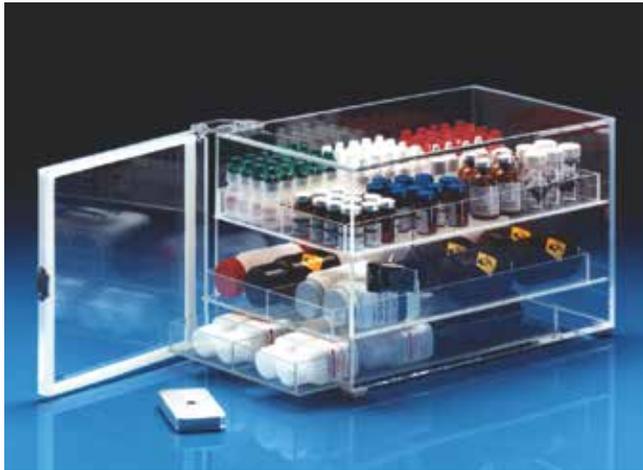
Dry-Cab Desiccator Storage Cabinets

This family of Dry-Cab laboratory cabinets offers ideal space-saving storage units for materials that are sensitive to heat or moisture. Each Dry-Cab cabinet is made of sturdy acrylic and has an airtight seal around each door. The small, compact Dry-Cab Jr. cabinet has two slide-out shelves. The original Dry-Cab cabinet contains three removable shelves and provides ample internal storage space, measuring 9 x 9½ x 15½ in. The Dry-Cab Twin has two separate chambers, each measuring 7 x 9 x 15 in. Both chambers have two slide-out shelves. The Dry-Cab and Dry-Cab Jr. cabinets come with one container of regenerable desiccant; the Dry-Cab Twin cabinet includes two. For light-sensitive use, we offer amber color as well. All units may be ordered with a locking latch.

Cat. No.	Description	Qty.
Dry-Cab cabinets, 9½ x 10 x 16 (H x W x D) in.		
S1389-102	Amber cabinet	1/ea
S1389-101	Clear cabinet	1/ea
S1389-159	Clear cabinet with lock latch	1/ea
Dry-Cab Jr. cabinets, 7¼ x 8 x 10 (H x W x D) in.		
S1389-104	Amber cabinet	1/ea
S1389-103	Clear cabinet	1/ea
S1389-158	Clear cabinet with lock latch	1/ea
Dry-Cab Twin cabinets, 14 x 10 x 15 (H x W x D) in.		
S1389-106	Amber cabinet	1/ea
S1389-105	Clear cabinet	1/ea
S1389-160	Clear cabinet with lock latch	1/ea

Top Load, Glove Box Holders

Acrylic glove box holders have a foam insert to provide a snug fit and extra support for removal of lightweight gloves from their cardboard boxes. The holders may be mounted in the most convenient location for easy access. There are four models to hold one, two, three or four glove boxes. Two holes and double-sided tape are provided for mounting to the wall or cabinets.

Cat. No.	Description	Color	Qty.
Single holder, (H x W x D) 5 x 11½ x 4 in.			
S1389-24	Single box holder	Clear	1/ea
S1389-25	Single box holder	Neon green	1/ea
S1389-26	Single box holder	Neon red	1/ea
Double holder, (H x W x D) 10 x 11½ x 4⅜ in.			
S1389-27	Double box holder	Clear	1/ea
S1389-28	Double box holder	Neon green	1/ea
S1389-29	Double box holder	Neon red	1/ea
Triple holder, (H x W x D) 15¼ x 11½ x 4 in.			
S1389-30	Triple box holder	Clear	1/ea
S1389-31	Triple box holder	Neon green	1/ea
S1389-32	Triple box holder	Neon red	1/ea
Quad holder, (H x W x D) 19 x 11½ x 4 in.			
S1389-33	Quad box holder	Clear	1/ea
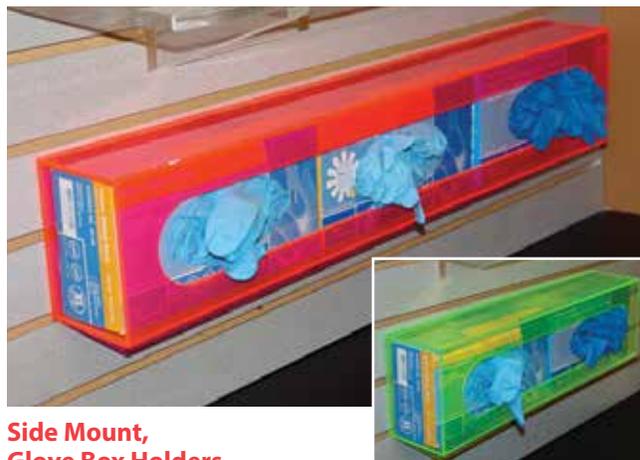
Side Mount, Glove Box Holders

Horizontal design for use under cabinets and shelves, these holders may be loaded with gloves from the side. These glove box holders provide extra support when removing lightweight gloves from their cardboard boxes. The holders may be mounted in convenient locations for easy access. Two holes and double-sided tape are provided for mounting to wall or cabinet. Glove box holders may be mounted vertically or horizontally in tight spaces.

Cat. No.	Description	Color	Qty.
Single holder, side load, (H x W x D) 5½ x 10 x 4 in.			
MGSM1000	Single box holder	Clear	1/ea
MGSM1001G	Single box holder	Neon green	1/ea
MGSM1001R	Single box holder	Neon red	1/ea
Double holder, side load, (H x W x D) 5½ x 20 x 4 in.			
MGSM2000	Double box holder	Clear	1/ea
MGSM2001G	Double box holder	Neon green	1/ea
MGSM2001R	Double box holder	Neon red	1/ea
Triple holder, side load, (H x W x D) 5½ x 30 x 4 in.			
MGSM3000	Triple box holder	Clear	1/ea
MGSM3001G	Triple box holder	Neon green	1/ea
MGSM3001R	Triple box holder	Neon red	1/ea

Side Mount Double and Triple Glove Box Holders with Dividers

Side-mount glove box holders with dividers provide easy access to glove boxes and allow users to replace boxes individually. Large cutout holes allow for easy removal of gloves. Holders may be mounted horizontally or vertically. Accommodates most glove box sizes. Holders may be mounted in the most convenient location for easy access. Two holes and double-sided tape are provided for mounting to the wall or cabinets. Made of heavy-duty acrylic.

Cat. No.	Description	Color	Qty.
Double holder, (H x W x D) 11 x 10 x 4 in.			
CHGSMD2	Double box holder	Clear	1/ea
CHGSMD2G	Double box holder	Neon green	1/ea
CHGSMD2R	Double box holder	Neon red	1/ea
Triple holder, (H x W x D) 16½ x 10 x 4 in.			
CHGSMD3	Triple box holder	Clear	1/ea
CHGSMD3G	Triple box holder	Neon green	1/ea
CHGSMD3R	Triple box holder	Neon red	1/ea

Acrylic Labware

Glove Box Holders

Stainless Steel, Blue and White Powder Coated Glove Box Holders

Use in clean rooms and areas that require sterilization and autoclavable items. Glove box holders may be mounted horizontally or vertically to save space. They are offered in single, double, triple and quadruple holders. They may be cleaned with bleach or disinfectants. Two to four holes and double-sided tape provided for mounting to wall, cabinet or any surface. Powder coat min. order 25, non-returnable.

Cat. No.	Description	Color	Load	Dimensions (in.)	Qty.
CHSSGLVBX1	Single glove box holder	Stainless steel	Top/side load	6½ W x 3¾ D x 10½ H	1/ea
CHSSGLVBX2	Double glove box holder	Stainless steel	Top/side load	10½ W x 3¾ D x 10½ H	1/ea
CHSSGLVBX3	Triple glove box holder	Stainless steel	Top/side load	15¾ W x 3¾ D x 10½ H	1/ea
CHSSLONG2	Double glove box holder	Stainless steel	Long load	21 L x 4 W x 6¾ H	1/ea
CHSSLONG3	Triple glove box holder	Stainless steel	Long load	31½ L x 4 W x 6¾ H	1/ea
CHWHTGLV1	Single glove box holder	White powder coat	Top/side load	6½ W x 3¾ D x 10½ H	1/ea
CHWHTGLV2	Double glove box holder	White powder coat	Top/side load	10½ W x 3¾ D x 10½ H	1/ea
CHWHTGLV3	Triple glove box holder	White powder coat	Top/side load	15¾ W x 3¾ D x 10½ H	1/ea
CHWHTLONG2	Double glove box holder	White powder coat	Long load	21 L x 4 W x 6¾ H	1/ea
CHWHTLONG3	Triple glove box holder	White powder coat	Long load	31½ L x 4 W x 6¾ H	1/ea
CHBLGLVBX1	Single glove box holder	Blue powder coat	Top/side load	6½ W x 3¾ D x 10½ H	1/ea
CHBLGLVBX2	Double glove box holder	Blue powder coat	Top/side load	10½ W x 3¾ D x 10½ H	1/ea
CHBLGLVBX3	Triple glove box holder	Blue powder coat	Top/side load	15¾ W x 3¾ D x 10½ H	1/ea
CHBLLONG2	Double glove box holder	Blue powder coat	Long load	21 L x 4 W x 6¾ H	1/ea
CHBLLONG3	Triple glove box holder	Blue powder coat	Long load	31½ L x 4 W x 6¾ H	1/ea

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Three-piece rack

Column Chromatography Racks

These handy acrylic racks are specifically designed for procedures involving small, disposable plastic chromatographic columns. The two-piece rack set, comprised of the column rack and test tube rack, holds 20 columns eluting into 12 x 75mm test tubes. The double-decker rack suspends another 20 columns over those held in the column rack. This allows sequential separations before collecting the eluates. Each unit can be ordered separately or as part of a set.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
Column rack sets			
S1389-17	Two-piece rack set	6 x 11 x 3 in.	1/ea
S1389-10	Three-piece rack set	9⅜ x 11⅝ x 3 in.	1/ea
Column rack components			
S1389-16	Column rack	6 x 11 x 3 in.	1/ea
S1389-13	Test tube rack	2½ x 10⅜ x 3 in.	1/ea
S1389-9	Double-decker column rack	9⅜ x 11⅝ x 3 in.	1/ea

Bloodbank Crossmatch Racks

Process patient blood specimens easily and conveniently with these blood culture racks. Up to 12 patient specimens can be processed at one time and the heavy-duty clear acrylic rack may be easily cleaned and sterilized. Holes are laid out to allow the technician to dilute specimen from right to left, left to right or from the top down.

Racks have 16mm holes for patient tubes on all outside rows (except the bottom row) and all other holes have a 13mm diameter to fit a standard 12 x 75mm disposable culture tube. Two sizes are available (small unit has six each (13mm) holes down by six each (13mm) holes across; large unit has six each (13mm) holes down by 12 each (13mm) holes across).

Cat. No.	Size	Dimensions (H x W x D)	Qty.
S1389-148	Small	2½ x 9 x 8½ in.	1/ea
S1389-145	Large	2½ x 15 x 8½ in.	1/ea

Micro-Column Racks

Designed specifically to hold up to 20 micro-columns, these racks are large enough to permit convenient handling of columns, yet it is small enough to fit in almost any workspace. The column tips are suspended 3¼ in. from the lab bench for elution into vials or tubes. Addition of the test tube rack enables the micro-columns to elute into 12 x 75mm test tubes. Each piece is available separately.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-12	2-piece micro-column rack set	5 x 11 x 3 in.	1/ea
S1389-11	Micro-column rack	5 x 11 x 3 in.	1/ea
S1389-13	Test tube rack	2½ x 10 x 3 in.	1/ea

Syringe Racks for Lockable Disposable Syringes

These acrylic racks will make preparing for group shots fast and easy. Made of heavy-duty ³⁄₁₆ in.-thick acrylic, these racks hold 24, 48 and 72 syringes.

Cat. No.	Description	Dimensions (H x L x W)	Qty.
S1389-172	24-hole rack	4 x 8 x 5 in.	1/ea
S1389-173	48-hole rack	4 x 15½ x 5 in.	1/ea
S1389-174	72-hole rack	4 x 15½ x 7½ in.	1/ea

Acrylic Labware

Racks/Holders/Dispensers

Stacking Test Tube Storage Racks

These clear acrylic racks allow for convenient storage of test tubes and provide sufficient space between tubes to let you read the individual tube labels. Racks can be used in refrigerator or freezer, are stackable for compact storage and have handles for easy carrying. Three different racks accommodate 13, 16 or 20mm tubes. Racks are 5½ in. high with stacking option that accommodates tubes up to 125mm long. Colored bases are available on special orders.

Cat. No.	Tube Size (mm)	Holds # of Tubes	Qty.
S1389-175	13	50	1/ea
S1389-176	13	100	1/ea
S1389-177	13	240	1/ea
S1389-178	13	300	1/ea
S1389-179	16	50	1/ea
S1389-180	16	100	1/ea
S1389-181	16	240	1/ea
S1389-182	16	300	1/ea
S1389-183	20	50	1/ea
S1389-184	20	100	1/ea
S1389-185	20	240	1/ea
S1389-186	20	300	1/ea

Holds # of Tubes	Tubes Across	Tubes Down	Dim. (in.) Length	Dim. (in.) Width
50	10	5	11	5½
100	10	10	11	10½
240	20	12	21	12½
300	25	12	26	12½

Mini LSC Vial Rack and LSC Column Rack

This rack was designed to carry and store twenty 7mL mini LSC vials. It accommodates flat-bottom glass or plastic containers up to 8mm in diameter and at least 50mm high for easy handling. S1389-14 column rack holds 20 chromatographic columns at the proper height to elute into 20mL LSC vials (column rack not shown).

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-64	Mini LSC vial rack	1½ x 12¾ x 3 in.	1/ea
S1389-14	Column rack for LSC	4 x 13½ x 3¼ in.	1/ea
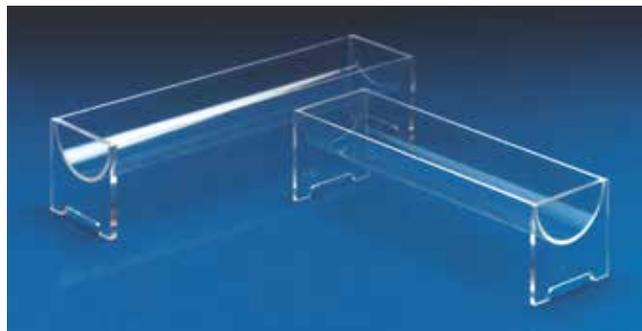
Waste Collection Troughs

Two sizes of troughs are available to collect waste solutions from chromatographic columns for easy disposal. Trough S1389-15 fits under S1389-16 column chromatography rack (page 9) and trough S1389-63 fits under the S1389-60 Pasteur pipettor rack (page 11). The troughs are not recommended for use with organic solvents.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-15	Trough for S1389-16	2¾ x 10¼ x 3 in.	1/ea
S1389-63	Trough for S1389-60	2¾ x 12 x 3 in.	1/ea

Microtube Racks

Microtube racks conveniently hold six 80-well microtube trays. They fit between the shelves of most refrigerators and freezers and can be placed in a vertical or horizontal position.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-85	Microtube rack	9 x 6 x 8¼ in.	1/ea

Flask Holders

Use these flask holders to keep 50mL, 125mL, 250mL and 1L vacuum flasks from moving or tipping. Each base has a cylinder for the flask and a squared holder. Rubber feet keep the base from sliding on the bench top.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-113	50mL	2 in. diameter, 2½ x 4 x 4 in.	1/ea
S1389-114	125mL	2¾ in. diameter, 2¾ x 5 x 5 in.	1/ea
S1389-115	250mL	3¼ in. diameter, 4½ x 5 x 5 in.	1/ea
S1389-116	1L	5½ in. diameter, 5¼ x 10 x 10 in.	1/ea

Pasteur Pipettor and Tube Racks

These adjustable racks hold Pasteur pipettes above receiving vessels. Each stand holds up to 20 long-tipped Pasteur pipettes (15cm). The bottom support can be set to the necessary height. Column tip height can be varied from 1 in. to 3¾ in. above the lab bench surface. Generous 1 in. center-to-center spacing permits the use of a variety of receiving vessels: vials, flasks, etc. Support racks for test tubes (12 x 75mm and 13 x 100mm) and centrifuge tubes (12mL) are also available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-60	Pasteur pipettor rack	6¾ x 13 x 3 in.	1/ea
S1389-61	Small test tube rack	2 x 12 x 3 in.	1/ea
S1389-62	Centrifuge tube rack	2½ x 12½ x 3 in.	1/ea

Notebook Holder

The notebook holder serves two useful purposes: it holds the notebook open at a 60° angle for easy viewing and protects valuable information from laboratory accidents. A notebook slides into the holder and is held securely in place by a clear protective acrylic shield.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-39	Notebook holder	10¼ x 15¾ x 6 in.	1/ea

Acrylic Labware

Racks/Holders/Dispensers

KIMWIPES®, AccuWipe®* and Paper Towel Holders

Every lab has tissues and paper towels on hand for delicate task wipes or to wipe labware and clean spills. These holders provide additional weight for single-hand removal of tissues. Mount the holder where you use most often for easy access. Different sizes of Kimwipes® holders are available for the different sizes of AccuWipe®* and Kimwipes® wipers. Choose from clear, neon green or neon red. Two-sided Kimwipes® holders are ideal for smaller work areas where two people share space. Rubber feet are included to help prevent holders from sliding on counters and also come with 2-sided tape for wall-mounting.

Kimwipes® is a registered trademark of Kimberly-Clark, Corporation.

AccuWipe® is a registered trademark of Georgia-Pacific Consumer Products.

Cat. No.	Description (H x W x D) in.	Color	Qty.
S1389-118	Small holder, 4⅝ x 5 x 3⅛	Clear	1/ea
S1389-119	Small holder, 4⅝ x 5 x 3⅛	Neon green	1/ea
S1389-120	Small holder, 4⅝ x 5 x 3⅛	Neon red	1/ea
S1389-121	Large holder for KIMWIPES® wipers (34721), AccuWipe®* (29778) Also may use (34743) medium KIMWIPES® 5 x 15 x 3¾	Clear	1/ea
S1389-34	Holder for AccuWipe®* wipers, 5 x 5⅛ x 4⅛	Clear	1/ea
S1389-122	2-sided, small holder, 4⅝ x 5 x 3⅛	Clear	1/ea
S1389-123	2-sided, small holder, 4⅝ x 5 x 3⅛	Neon green	1/ea
S1389-124	2-sided, small holder, 4⅝ x 5 x 3⅛	Neon red	1/ea

*AccuWipe® has replaced Shur-Wipe. The box size is comparable and will fit these paper towel holders.

Paper Towel Holder

Holder provides for easy, single-hand removal of all 3 x 9¼ in. tri-folded towel brands. Mount where you use most often for easy access.

Cat. No.	Description (H x W x D)	Color	Qty.
CHPTH-1000	Paper towel holder, 6 x 10 x 3⅜ in.	Clear	1/ea

Safety Glasses Holder

No longer do labs need to use a makeshift cardboard box to hold safety glasses. This clear acrylic holder mounts neatly on the wall or sits on a lab bench. The foam pad at the bottom helps protect the lenses from scratches, and the "Safety Glasses" label printed on the front clearly marks the holder. Unit holds as many as eight pairs of glasses and is also available with magnetic strip for mounting.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-58	Glasses holder	4 x 9 x 6 in.	1/ea
S1389-59	Glasses holder with magnet	4 x 9 x 6 in.	1/ea

Tissue Culture Trays

Trays hold tissue culture dishes and flasks during storage, transport or incubation. It is able to support fourteen 100mm dishes or four 250mL flasks. Six slots on the bottom will allow air flow when used in an incubator. A recessed bottom plate makes trays stackable for secure transport and storage.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-41	Tissue culture tray	2 x 7½ x 15¾ in.	1/ea
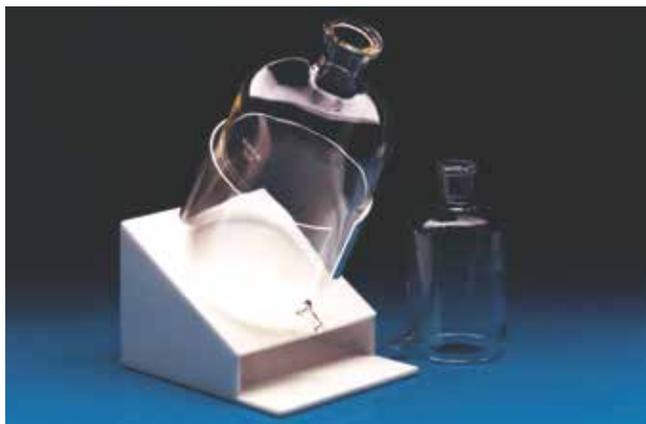
Aspirator Bottle Decanter

Researchers have been looking for a safe, stable way to help extract the last drop of prepared media from their aspirator bottles. This aspirator bottle decanter performs that function effortlessly. Designed to keep 1 to 4L bottles from tipping or moving during drainage, the decanter features a slot for the precise placement of the aspirator's sidearm outlet. The decanter cylinder is 5 in. high with a 7 in. diameter. The unit may be placed in a refrigerator or incubator.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-117	Aspirator bottle decanter, 30° angle	10 x 8 x 9½ in.	1/ea

Cube Container Tipping Device

Place a 2½ or 5-gallon cube container on top of this tilting device and it helps ensure extraction of the last contents of containers without manual lifting and tipping. The innovative tipping device is made of heavy-duty clear acrylic material. The MPISureGrip rubber feet keep unit in place on counters. It has a 30° angle.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-110	Cube container tipping device	4½ x 8 x 10 in., ¾ in. lip	1/ea

Bottle Stations

Many tests involve an array of small reagent containers, vials and dropper bottles. These polyethylene bottle stations help keep materials organized and upright on the lab bench. Each station has one hole size. The small unit accommodates 11 bottles up to a 1.5cm diameter. The mid-sized unit holds six bottles up to 2.3cm and the large unit has four positions for containers up to 3cm in diameter. The stations may be purchased and used separately. The step rack holds any three stations to keep as many as 33 bottles properly arranged. The step rack set includes a step rack with one each of the three bottle stations. For different combinations of bottle stations, order components separately.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-55	Bottle station, 4 positions	1 x 6 x 1¾ in.	1/ea
S1389-54	Bottle station, 6 positions	1 x 6 x 1¾ in.	1/ea
S1389-53	Bottle station, 11 positions	1 x 6 x 1¾ in.	1/ea
S1389-56	Step rack	6¼ x 6 x 3¼ in.	1/ea
S1389-57	Step rack set with 3 bottle stations	7¼ x 6½ x 6¼ in.	1/ea

Microtube System

This microtube system makes working with small volume microtubes more convenient. At the center of the system is the microtube rack and lid. The rack is designed to hold up to forty-eight 0.5mL tubes and up to twelve 1.5mL tubes. The lid on the rack holds the microtubes in place. For O incubations, the rack can be placed in the microtube ice bucket where it floats freely. After incubation, the rack can be removed from the ice bucket and used as a handy carrier for the microtubes. Legs allow the rack to stand alone on the lab bench. Hand fabricated from ⁵⁄₁₆ in. acrylic, the complete microtube system S1389-162 may be purchased as one piece, or the components may be purchased separately.

Cat. No.	Description	Qty.
S1389-162	Microtube system	1/ea
S1389-163	Microtube rack and lid	1/ea
S1389-164	Microtube ice bucket 3 in. H x 8½ in. dia.	1/ea

Acrylic Labware

Racks/Holders/Dispensers

Pipettor Stations

This line of pipettor stations holds 1, 2, 3, 4 and 6 pipettes. Few labs limit themselves to one particular brand of pipette, yet each type often requires a different holder. These pipettor stations are designed to help eliminate this problem. These multi-purpose holders are clear, white, neon green and neon red and accommodate most brands of pipettors. These pipettor stations have a 1 in. upper rack and a ¾ in. lower rack.
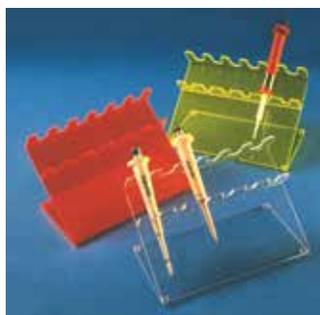
6-pipettor station S1389-73 neon red, S1389-72 neon green, S1389-71 clear

Cat. No.	Description	Qty.
1-pipettor station, 7¼ x 2¾ x 6½ (H x W x D) in.		
S1389-153C	Clear	1/ea
S1389-153G	Neon green	1/ea
S1389-153R	Neon red	1/ea
S1389-153W	White	1/ea
2-pipettor station, 7¼ x 4 x 6½ (H x W x D) in.		
S1389-154C	Clear	1/ea
S1389-154G	Neon green	1/ea
S1389-154R	Neon red	1/ea
S1389-154W	White	1/ea
3-pipettor station, 7¼ x 6½ x 6½ (H x W x D) in.		
S1389-155C	Clear	1/ea
S1389-155G	Neon green	1/ea
S1389-155R	Neon red	1/ea
S1389-155W	White	1/ea
4-pipettor station, 7¼ x 8⅜ x 6½ (H x W x D) in.		
S1389-156C	Clear	1/ea
S1389-156G	Neon green	1/ea
S1389-156R	Neon red	1/ea
S1389-156W	White	1/ea
6-pipettor station, 7¼ x 11¾ x 6½ (H x W x D) in.		
S1389-71	Clear	1/ea
S1389-72	Neon green	1/ea
S1389-73	Neon red	1/ea
S1389-157	White	1/ea
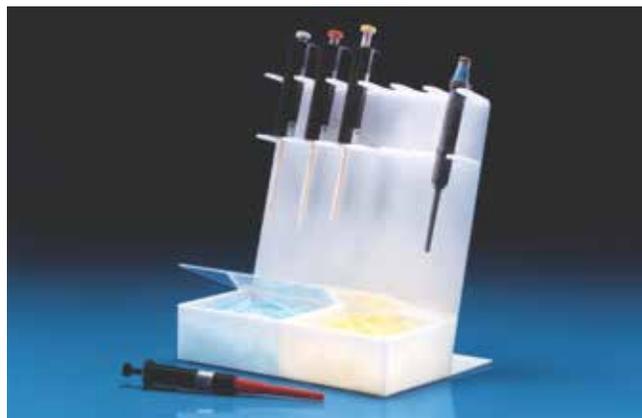
Pipette Bin Station

This pipette bin station holds six pipettors and has two bins for disposable tips. Each bin (2¼ H x 5 W x 5½ in. D) is covered with a clear acrylic lid to protect its contents from dust.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-74	Pipette bin station	12½ x 11¾ x 8½ in.	1/ea

Reusable Pipette Tip Retainer

Dispose of used pipette tips, laboratory gloves, sample tubes, filters and more with the convenience of using the reusable pipette tip retainer. Simply flip up the top that covers the dispensing hole and drop the pipette tips into the box. The entire top cover lifts off for easy disposal of larger items such as plastic gloves or lab tissues. Dispose of contents according to all local, state and federal disposal regulations.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-87	Pipette tip retainer	6¾ x 6 x 6¼ in.	1/ea

Pipette Shelf

Organize serological pipettes in this all-white acrylic pipette shelf. Four angled compartments hold and separate a variety of pipettes for easy access. Solid construction offers additional protection and a better appearance than the cardboard box in which the pipettes are shipped. The pipette shelf is also useful in places such as biological safety cabinets, where cleanliness and organization are essential. Its compact size saves valuable bench space yet holds hundreds of 1, 5, 10mL and larger pipettes.
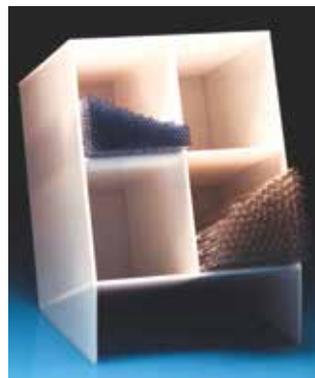
Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-35	Pipette shelf	12¼ x 10 x 9¾ in.	1/ea

Benchtop/Assay Mats and Tray

Three styles are offered to control the spread of a variety of liquid laboratory waste. Each style has a label to indicate proper disposal. Printed radioactive and international symbol alert for radioactive waste for proper disposal. Biohazard and international symbol on mats for use when working with body fluids, tissue samples, pathogens or other biohazardous materials. Plain mats with no symbol. Deluxe, heavy, 534mL absorbent, nonwoven rayon cellulose filler and water-resistant polyethylene backing. Mats are 17¾ x 23½ in. unfolded. Folded size is 5¼ x 8½ in. 50/package. Work tray is also available.

Cat. No.	Description	Qty.
S1389-107B	Printed, radioactive mats	1/ea
S1389-108B	Printed, biohazard mats	1/ea
S1389-109B	Unprinted mats	1/ea
CH-WKTRY	Work tray, 1 x 25½ x 17 in. (H x W x D)	1/ea

Petri Dish Racks and Dispensers

Stack, store or transport empty or prepared petri dishes. These are designed to hold 60mm or 100mm dishes and are capable of holding up to 136 dishes (see descriptions below). Two styles are available: cylinder and square. Dishes are easily removable through dispensing slot at base. Not autoclavable.

Cat. No.	Description	No. Dishes/Size	Dimensions (H x W x D) in.	Qty.
Racks				
S1389-46	Cylinder style	13/100mm	8¼ x 4¼ x 4¼	1/ea
S1389-42	Cylinder style	22/100mm	9¾ x 9 x 4½	1/ea
S1389-44	Cylinder style	64/60mm	7¼ x 12¼ x 6	1/ea
S1389-43	Cylinder style	66/100mm	9¾ x 13 x 9¼	1/ea
S1389-245	Square style	22/100mm	9¾ x 9 x 4½	1/ea
S1389-247	Square style	64/60mm	7¼ x 12¼ x 6	1/ea
S1389-246	Square style	66/100mm	9¾ x 13 x 9¼	1/ea
S1389-248	Square style	136/60mm	12 x 12¼ x 6	1/ea
Dispensers				
S1389-167	Cylinder, wall mount	22/100mm	8¼ x 8¾ x 4½	1/ea
S1389-168	Cylinder, wall mount	44/100mm	16½ x 8¾ x 4½	1/ea
S1389-249	Square style	13/100mm	8¼ x 4¾ x 4½	1/ea
S1389-250	Square style	22/100mm	8¼ x 8¾ x 4½	1/ea
S1389-251	Square style	44/100mm	16½ x 8¾ x 4½	1/ea

Acrylic Labware

Racks/Holders/Dispensers

Bulk Dispensers

These heavy-duty dispensers keep disposables organized, clean and available for quick and easy access. Use for shoe covers, gloves, booties, bouffants, hair nets, etc. Dispensing opening allows for easy removal of items. Mount with double-sided tape or wall-mount with two screw holes.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-147	Small dispenser	15 x 12 x 8½ in.	1/ea
S1389-146	Large dispenser	16 x 15 x 12 in.	1/ea

Disposable Gown Dispenser

Keep hospital and patient rooms organized with this dispensable gown holder, which can be mounted on the wall, door or cabinet for easy accessibility to gowns. Dispenser is made of heavy-duty clear acrylic and is ³⁄₁₆ in. thick. To fill, simply slide gowns down and into the holder. Dispenser holds box of 15 universal size gowns and can be wall mounted with double-sided tape or by using its four holes.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-165	Gown dispenser	7¾ x 9¾ x 4¾ in.	1/ea

Dispensing Bins

Two sizes of dispensing bins provide dust-resistant storage and convenient access to many small items. They can be placed directly on the bench top or mounted on a wall to save space. The bins have clear front panels to monitor the contents for refill. In addition, each dispensing bin has a removable top for easy filling and a hinged lid for single-handed access. The large dispensing bin holds approximately 500 disposable pipette tips, depending on size. The mini-dispensing bin is particularly useful as a modular unit to fit on top of phlebotomy cabinet S1389-52 (page 5).

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-36	Dispensing bin	14 x 5 x 6¼ in.	1/ea
S1389-40	Mini-dispensing bin	8¼ x 5 x 6 in.	1/ea
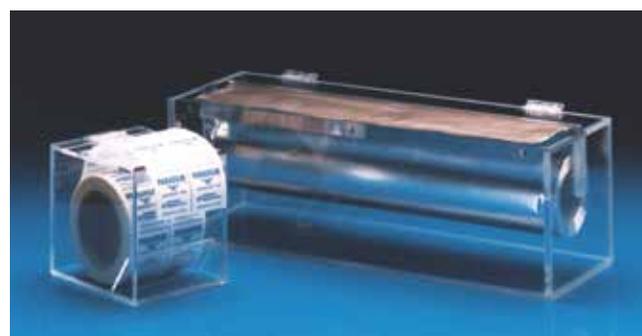
Film Dispensers

Film dispensers offer a dust-resistant delivery system for those labs that use Parafilm® M, plastic wrap or foil. The lab film dispenser holds a 4 x 30 in. roll of Parafilm® M. The film and wrap dispenser is capable of holding a roll of foil or plastic wrap up to 18 in. x 1000 ft. long. The dispensers are made of heavy-duty clear acrylic and are easy to clean. Each unit has a serrated blade that cuts without deforming the sheets for one-handed use. Rubber feet provided to prevent holders from sliding on countertops. These dispensers are ideal for use in a clean room environment.

Parafilm® is a registered trademark of Bemis Company, Inc.

Cat. No.	Description	Color	Qty.
5¾ x 5⅛ x 6⅜ (H x W x D) in.			
S1389-47	Lab film dispenser	Clear	1/ea
S1389-48	Lab film dispenser	Neon green	1/ea
S1389-49	Lab film dispenser	Neon red	1/ea
6½ x 20¼ x 6¾ (H x W x D) in.			
S1389-50	Foil and wrap dispenser	Clear	1/ea

Hemoccult Test Dispenser for Detection of Fecal Occult Blood

Use this white acrylic holder and dispenser to hold SENSA® single slides with on-slide Performance Monitors® feature applicator sticks and bottle holder. Made for wall mounting, you can organize and conveniently dispense the contents of this sensitive test from each patient room doorway. Test dispenser is easy to refill and access.

SENSA® and Performance Monitors® are registered trademarks of Beckman Coulter, Inc.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-166	Test dispenser	7 x 3½ x 3¼ in.	1/ea

Mat Pack Dispensers

These acrylic dispensers keep mats organized and within easy reach; holds 35 folded mats. Dimensions (H x W x D): 16 x 10 x 6 in.

Cat. No.	Description	Qty.
S1389-150C	Clear dispenser	1/ea
S1389-150G	Neon green dispenser	1/ea
S1389-150R	Neon red dispenser	1/ea

Test Tube Dispensers

Two sizes of dispensers are available. One holds a box of 12 x 75mm test tubes and the other holds 16 x 150mm test tubes. To load the dispenser, remove the cellophane wrapper from around the box, slide the box into the dispenser and set the dispenser upright. A clear acrylic front panel allows the contents to be viewed. A notched opening makes it easy to shake glass fragments from the dispenser while the tubes are in place.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-37	12 x 75mm test tubes	11 x 3½ x 8 in.	1/ea
S1389-38	16 x 150mm test tubes	15 x 6½ x 9 in.	1/ea

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Acrylic Labware

Lock Boxes

Refrigerator Storage Box with Combination Lock

Safely store reagents, liquids and other contents from unauthorized users with this lockable refrigerator storage box. Available in two sizes, the container can withstand temperatures as low as -70°C. The ³/₁₆ in. acrylic provides protection during transport, storage or general use. Includes a hinged door, four holes for securing to cabinets and double-sided tape for securing to glass shelves.

Cat. No.	Description (H x W x D) in.	Color
CHRBCLG3	3⁷⁄₈ x 8³⁄₈ x 4½	Neon green
CHRBCLC4	4¼ x 12 x 6	Clear

Storage Box with Lock and Pull Out Drawer

With ³/₁₆ in. acrylic, this storage box is available in standard key lock or combination lock with removable drawer for easy filling. Transparent or solid finish.

Cat. No.	Description (H x W x D) in.	Color
CHSBCLCG3	Combination lock 3¾ x 9½ x 6⅝	Neon green
CHSBCLDW6	Combination lock 6⅞ x 13¾ x 8¼	White/black
CHSBKLW3	Key lock 3¾ x 9½ x 6⅜	White/black

Wall Storage Box with Combination or Digital Lock

An easy and secure wall mounting cabinet features electronic, touch pad lock or combination lock. Available in white heavy-duty ABS plastic or black acrylic, these containers can withstand temperatures as low as -70°C. Hinged lid.

Cat. No.	Description (H x W x D) in.	Color
CHSBCLB6	Combination lock 6 x 12 x 5¼	Black
CHSBCLW6	Combination lock 6 x 12 x 5¼	White
CHSBDLB9	Digital lock 9¼ x 9½ x 4½	Black
CHSBDLW9	Digital lock 9¼ x 9½ x 4½	White
CHSBDLB15	Digital lock 15⅜ x 15⅝ x 4½	Black
CHSBDLW15	Digital lock 15⅜ x 15⅝ x 4½	White

Compact Balances

These economical, compact balances are ideal for a wide range of general weighing applications. Six models cover a weighing range up to 10,000g, with a readability of 0.01g or 0.1g. With enhanced shock resistance and overload protection, this compact series of balances is ideal for use in a variety of environments.

Specifications:

CHW33-120, CHW33-300, CHW33-500

Pan size (round) . . . . .4.5 in. (11.5cm)
Draft shield . . . . .Yes, glass

CHW33-1200

Pan size (round) . . . . .6.3 in. (16cm)
Draft shield . . . . .No

CHW33-5K, CHW33-10K

Pan size (round) . . . . .7 in. (18cm)
Draft shield . . . . .No
Weighing units. . . . . .g, oz., lb., ct.
Calibration. . . . . .External
Display . . . . .Backlit LCD
Exterior dimensions (W x D x H) . . . . . .7.5 x 11 x 3.1 in. (18.8 x 28 x 8cm)

Cat. No.	Description	Qty.
CHW33-120	120g capacity - 0.01g readability	1/ea
CHW33-300	300g capacity - 0.01g readability	1/ea
CHW33-500	500g capacity - 0.01g readability	1/ea
CHW33-1200	1,200g capacity - 0.1g readability	1/ea
CHW33-5K	5,000g capacity - 0.1g readability	1/ea
CHW33-10K	10,000g capacity - 0.1g readability	1/ea

Analytical Balances

Analytical balances provide accuracy and precision for the most demanding research applications. Two capacity options are available. Each incorporates a highly precise, electromagnetic sensor to deliver unsurpassed accuracy and readability to 0.0001g (0.1mg).

Widely spaced, the feet lend stability and are adjustable to level the unit. Tare keys are conveniently located on both sides of the control panel for easy access by both right- and left-handed users. These balances incorporate in-lab calibration firmware and are provided with a stainless steel calibration weight. The glass draft shield isolates the weighing area from the outside environment and features sliding doors on the right, left and top.

Specifications:

Pan size (round) stainless steel. . . . . . .3.5 in. (9cm)
Draft shield . . . . .Yes, glass
Weighing units. . . . . .g, oz., lb., ct.
Calibration. . . . . .External
Display . . . . .Backlit LCD
Exterior dimensions (W x D x H) . . . . .12.5 x 18.5 x 11 in. (32 x 47 x 28cm)

Cat. No.	Description	Qty.
CHW31-120	120g capacity - 0.0001g readability	1/ea
CHW31-210	210g capacity - 0.0001g readability	1/ea

Balances and Accessories

Precision Balances/Weighing Paper

Precision Balances

The precision series of balances is designed for true research grade applications with a higher level of precision and readability. They are useful for any laboratory application that does not require a dedicated analytical balance with sub-milligram readability. Advanced software ensures error-free weighing in various applications, including weight accumulation, count weighing, percent deviation and inspection mode.

Specifications:

CHW32-120, CHW32-320, CHW32-500

Pan size (round) . . . . .4.5 in. (11.5cm)
Draft shield . . . . .Yes, 3-door glass enclosure
Exterior dimensions (W x D x H). . . .8 x 13.75 x 12 in. (20.5 x 35 x 30cm)

CHW32-1200, CHW32-3200, CHW32-5K

Pan size (round) . . . . .6.3 in. (16cm)
Draft shield . . . . .No
Exterior dimensions (W x D x H). . . .8 x 13.75 x 3.5 in. (20.5 x 35 x 9cm)

Weighing units. . . . . .g, oz., lb., ct.
Calibration. . . . . .External
Display . . . . .Backlit LCD

Cat. No.	Description	Qty.
CHW32-120	120g capacity - 0.001g readability	1/ea
CHW32-320	320g capacity - 0.001g readability	1/ea
CHW32-500	500g capacity - 0.001g readability	1/ea
CHW32-1200	1,200g capacity - 0.01g readability	1/ea
CHW32-3200	3,200g capacity - 0.01g readability	1/ea
CHW32-5K	5,000g capacity - 0.01g readability	1/ea

Weighing Paper

This moisture-resistant weighing paper helps keep balance pans clean and can prevent spillage of samples. Makes transfer of chemicals easy after weighing.

- Nitrogen-free
- Non-absorbent

Cat. No.	Description	Qty.
B2040-1	3 x 3 in.	1,000/pk
B2040-2	4 x 4 in.	1,000/pk

The right piece of equipment is an investment—

Both your lab's **budget** and your **time** are valuable. When it's time to purchase equipment, you want a selection of **high-quality** items that will stand up to the daily rigors of a lab. That's why **Cardinal Health delivers** the **selection** and **value** you need to keep your lab operating at its peak level.

Plasma Thawing Bath

This plasma thawer is designed for use in blood banks and laboratories where it is required to thaw up to four units of Fresh Frozen Plasma (FFP) or Cryoprecipitated AHF or Plasma Frozen within 24 hours after Phlebotomy (PF24) for future infusion into a patient. It offers both controlled temperature and agitation to thaw various volumes of plasma via two independently controlled baskets that accommodate up to two plasma bags per basket. The digital microprocessor control offers rapid temperature recovery and optimal temperature stability to reduce the time required to thaw multiple bags. The easy-to-program user interface allows multiple time options for thawing various-sized bags. Upon completion of a timed cycle, the baskets will automatically raise from the bath. Advanced safety features will notify the user of unsafe conditions and raise the baskets upon alarm activation. Designed to meet FDA standards for safety and performance in plasma thawing. Certified to applicable UL and CSA standards – 60601-1 and 61010-1. Disposable overwrap protection bags (available separately) provide security and protection from contamination. FDA cleared.

Specifications:

Thawing capacity . . . . .4 bags
Baskets . . . . .2 stainless steel
Electrical. 120V, 50/60Hz 7A, 900W

Chamber

Drain time . . . . .Approx. 5 min.
Material . . . . .Stainless steel
Volume . . . . .17.98L (4.75 gal.)

Temperature

Accuracy. . . . .+/- 0.3°C
Setpoint . . . . .36°C fixed

Dimensions (W x L x H)

Exterior. . . . . .18½ x 16¼ x 14¾ in. (43 x 41.3 x 37.5cm)
Overall . . . . .21¾ x 23 x 15½ in. (55.2 x 58.4 x 39.4cm)
Chamber . . . . .15½ x 11 x 7½ in. (39.4 x 27.9 x 19.1cm)

Cat. No.	Description	Qty.
CH-PT1000	Plasma thawing bath	1/ea
Accessories		
CH-PTBAG	Overwrap protection bags	250/bx
CH-PTCOVR	Chamber cover	1/ea
CH-PTTHRM	Plasma thawer thermometer	1/ea

Saline Blood Bank

Certified Blood Bank Saline

Blood bank saline remains stable without preservatives. This highly pure sodium chloride solution is for specific use in immunohematologic testing procedures. Meets NCCLS standard ASI/BB-1 for standard isotonic sodium chloride solution for immunohematologic testing and is pH controlled to be 6.0 to 7.5. For in vitro diagnostic use only. For use as a laboratory diluent. Not for infusion, irrigation or injection. For laboratory use only. Comes in 4 and 10L Cubitainer® containers with dispensing spigot.

Cubitainer® is a registered trademark of Hedwin Corporation.

Cat. No.	Description	Qty.
B3158-2	4L	4/cs
B3158-3	10L	1/ea

Immu-Sal® Immunohematological Saline

Immu-Sal® immunohematological saline contains a preservative to inhibit contamination and gelatin to permit easier resuspension of the cell button. This saline has proven performance for blood bank use. For in vitro diagnostic use only. Not for infusion, injection or irrigation. For laboratory use only. Convenient disposable Cubitainer® containers have a dispensing spigot. 9.48L (2.5 gal.).

Immu-Sal® is a registered trademark of Dade Behring, Inc.

Cubitainer® is a registered trademark of Hedwin Corporation.

Cat. No.	Description	Qty.
B5052-25	Immu-Sal® immunohematological saline	1/ea

Blood Collection

Blood Draw Chairs

Blood Drawing Chairs

These chairs are compression-molded, nylon-filled polyester chair(s) with a dry powder, glacier white epoxy-coated and one-inch square tubular steel frame. Includes type 304 stainless steel foot rest, and molded urethane padded arm with integral coating and gas-assist arm lift mechanism. The arm easily adjusts to fit any size patient and is angled to support the patient's arm in a fully extended position for easier venipuncture. The elevated seat on these chairs places the patient at the ideal height to allow a blood draw with limited back strain on the technician. Ten-year limited warranty on materials and workmanship.* Weight capacity is 450 lbs. (204 kg). Shipping weight 58 lbs. (26 kg). Some assembly required. Dimensions for chair only (W x D x H): 26.5 x 27.5 x 37 in.

Chair with storage cabinet includes one slide-out tray of high impact ABS plastic with dish dimensions (W x D): 14 x 20.25 in. Overall inside cabinet dimensions (W x D x H): 16.3 x 22 x 9 in. Padded urethane storage cabinet top includes a dished compartment. Bracket and hardware are provided to mount the interchangeable cabinet on right or left side of chair. Ten-year limited warranty on materials and workmanship.* Shipping weight 111 lbs. (50 kg). Some assembly required. Dimensions for chair with cabinet (W x D x H): 46 x 27.5 x 37 in.

Double blood drawing chair with center storage cabinet includes bracket and hardware to mount the cabinet between the two chairs. Ten-year limited warranty on materials and workmanship.* Shipping weight 169 lbs. (77 kg). Some assembly required. Dimensions for double chair with center storage cabinet (W x D x H): 75.4 x 27.5 x 37 in.

See product packaging and inserts for limited warranty terms.

Cat. No.	Description	Qty.
L5165-1B	Blood drawing chair	1/ea
L5165-2B	Blood drawing chair w/side storage cabinet	1/ea
L5165-3B	Double blood drawing chair w/center storage cabinet	1/ea

Bariatric Blood Drawing Chairs

These chairs are durable and constructed for long life use. Rated to accommodate up to 700 lbs., the chair comfortably seats larger-proportioned individuals or an adult with a small child. This gray vinyl upholstered chair features two hinged padded arms and a type 304 stainless steel footrest. Chairs are constructed with a powder-coated, glacier white, 1 in. square tubular steel frame. This sturdy unit comes with a ten-year limited warranty on materials and workmanship. Two easy-to-use knob mechanisms on each arm allow for incremental adjustments; arm height from chair seat of 8.2–13.2 in., arm depth from chair back of 18.4–21.4 in. The hinged arms may be lifted upright to vertical and the elevated seat reduces back strain on the technician. The vinyl upholstery on this chair is durable and easy to clean. Dimensions for chair only (W x D x H): 50.10 x 30.75 x 43.45 in.

The optional storage cabinet is constructed of epoxy-coated steel with a laminate top and has a slide-out tray with inside dimensions (W x D): 14 x 20.25 in. The tray is removable for cleaning and the cabinet placement is interchangeable from the left side to the right side of the chair. Some assembly is required. Overall inside cabinet dimensions (W x D x H): 16.3 x 22 x 9 in. Dimensions for chair with cabinet (W x D x H): 69.15 x 30.75 x 43.45 in.

**Warranty excludes normal upholstery wear.*

Cat. No.	Mfr. No.	Description	Qty.
L5165-4A	1132202	Chair without cabinet	1/ea
L5165-5A	1132203	Chair with cabinet	1/ea

Infant Heel Incision Devices

gentleheel® Heel Incision Device

The gentleheel® heel incision device provides a safe and efficient means for acquiring blood samples from the heels of newborns. Sterile, single-use and not made with natural rubber latex. gentleheel® utilizes an automated lancing mechanism that delivers a smooth incision with less trauma to the heel. gentleheel® features a tri-bevel and hardened stainless steel blade that generates a less traumatic and more accurate incision as well as a welded casing to help prevent accidental exposure to the blade.

gentleheel® is a registered trademark of Global Resources International.

In addition to the current gentleheel® features, the following cosmetic improvements have been added:

- Multiple visual indicators reinforce the location of the incision site
- New ergonomics design for improved handling
- Four distinct colors for easier selection

Cat. No.	Description	Incision (depth/width)	Qty.
GHMP10X50	Micro-preemie - yellow	0.65mm/1.4mm	50/bx, 10 bx/cs
GHP10X50	Preemie - lavender	0.85mm/1.75 mm	50/bx, 10 bx/cs
GHP5X200	Preemie - lavender	0.85mm/1.75mm	200/bx, 5 bx/cs
GHP4X250	Preemie - lavender	0.85mm/1.75mm	1,000/cs
GHN10X50	Newborn - green	1mm/2.5mm	50/bx, 10 bx/cs
GHN5X200	Newborn - green	1mm/2.5mm	200/bx, 5 bx/cs
GHN4X250	Newborn - green	1mm/2.5mm	1,000/cs
GHT10X50	Toddler - blue	2mm/3mm	500/cs

Blood Collection

Safety Lancets

High flow   *Normal flow*   *Micro flow*

Contact Activated Safety Lancets

Ribbed safety tab guarantees needle sterility and gives a secure grip for easy twist-off removal. Unique pain mask applies gentle pressure around the puncture site, distracting the brain's attention away from needle stick. Ergonomic concave housing for comfortable finger recess and gentle pressure activation. Available in three sizes.

Cat. No.	Description	Qty.
SLCANF200	21G x 2.0mm - high flow	200/bx, 10bx/cs
SLCALF200	25G x 1.8mm - normal flow	200/bx, 10bx/cs
SLCAMF200	30G x 1.5mm - micro flow	200/bx, 10bx/cs

High flow   *Normal flow*   *Low flow*   *Micro flow*
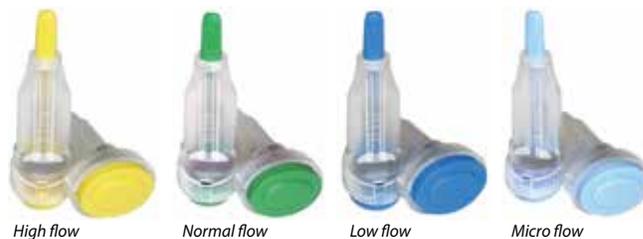
Push Button Activated Safety Lancets

These lancets are designed to provide controlled needle depth for greater patient comfort. Needle retracts automatically and locks out for extra safety, protecting from needle stick injuries. Gamma-sterilized, assuring sterility and cannot be reloaded or reused. Ergonomic and easy to handle side ribs provide non-slip grip.

Cat. No.	Description	Qty.
SLPBHF200	18G x 1.8mm - high flow	200/bx, 18 bx/cs
SLPBHN200	21G x 1.8mm - normal flow	200/bx, 18 bx/cs
SLPBLF200	25G x 1.4mm - low flow	200/bx, 18 bx/cs
SLPBMF200	28G x 1.6mm - micro flow	200/bx, 18 bx/cs

Safety Lancets

These safety lancets are pre-set and easy to use. They are OSHA-compliant, feature Comfort Zone Technology®, and offer significant cost savings over leading national brands.

Comfort Zone Technology® is comprised of eight raised dots, which work to send a signal of comfort to the brain, helping to eliminate the pain associated with the fingerstick. In a comparative study, Comfort Zone Technology® was shown to reduce overall pain experienced during blood sampling procedures when compared against devices without CZT*.

*Comfort Zone Technology® is a registered trademark of Owen Mumford Ltd. *Data on file.*

Cat. No.	Description	Needle Gauge	Depth	Qty.
SLULF100	Ultra low flow	30	1.5mm	100/ct
SLULF200	Ultra low flow	30	1.5mm	200/ct
SLLF100	Low flow	28	1.8mm	100/ct
SLLF200	Low flow	28	1.8mm	200/ct
SLMF100	Medium flow	23	1.8mm	100/ct
SLMF200	Medium flow	23	1.8mm	200/ct
SLHF100	High flow	21	2mm	100/ct
SLHF200	High flow	21	2mm	200/ct
SLDF100	Dual flow	18	1.8mm	100/ct
SLDF200	Dual flow	18	1.8mm	200/ct

Blood Collection

Site Preparation - Tourniquets

Disposable Tourniquets

This line of disposable tourniquets is a great solution to all your strap tourniquet needs. Made of strong, tear-resistant material, but designed to offer elasticity, these tourniquets are comfortable on skin and easy-to-use. Available in assorted styles and sizes.

Cat. No.	Description	Size	Qty.
Polyisoprene disposable tourniquets			
CH5060*	Blue tourniquet with a fine textured finish. Packaged in bulk.	1 x 18 in.	250/pk, 4 pk/cs
CH5061*	Orange tourniquet with a fine textured finish. Ideal for ambulatory care settings. Packaged in bulk.	1 x 18 in.	250/pk, 4 pk/cs
CH7067*	Blue tourniquet has a fine textured finish. The smaller width distinguishes use for geriatric patients.	¾ x 18 in.	250/pk, 4 pk/cs
CH5062*	Pink tourniquet with a fine textured finish. Packaged in bulk.	1 x 18 in.	250/pk, 4 pk/cs
CH8077*	Blue tourniquet with a fine textured finish. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH6064*	Blue tourniquet with a fine textured finish and white Cardinal Health logo. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH7068*	Blue tourniquet has a fine textured finish. The smaller width and length distinguishes use for pediatric patients.	¾ x 17 in.	25/bx, 20 bx/cs
CH8069*	Blue tourniquet with fine textured finish is rolled and banded. Ideal for kitting purposes and IV station use.	1 x 18 in.	100/bx, 10 bx/cs
CH6063*	Orange tourniquet with a fine textured finish. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH8078*	Blue tourniquet with a smooth finish. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
CH8070*	Blue tourniquet with a fine textured finish. Rubber banded butterfly fold.	1 x 18 in.	100/bx, 10 bx/cs
Thermoplastic elastomer disposable tourniquets			
B3063*	Teal blue textured tourniquet with white Cardinal Health logo. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
B4066*	Blue textured tourniquet. Convenient dispenser box with perforation for quick and easy dispensing.	1 x 18 in.	25/bx, 20 bx/cs
B3068*	Blue tourniquet with a smooth finish and rubber banded butterfly fold.	1 x 18 in.	100/bx, 10 bx/cs

Not made with natural rubber latex

FILTER SAMPLER® Dispense Filters

This disposable device for separating, filtering, dispensing and storing of serum and plasma from centrifuged whole blood specimens eliminates the need for disposable pipettes, add-on products and capping materials. Technology reduces tube labeling and sample preparation time. Restricted opening acts as a specimen closure and also helps protect personnel from infectious fluids. For use with glass evacuated tubes only. Helps protect ISE systems.

FILTER SAMPLER® is a registered trademark of Porex Corporation.

Cat. No.	Description	Qty.
P5192-2	13mm	100/pk
P5192-1	16mm	100/pk

FILTER SAMPLER® Filter Caps

This disposable cap is for use with FILTER SAMPLER® blood serum filters. Allows closed system with filter in primary collection tube. Stepped design permits same cap to fit on inside of unflared 10.25, 13 and 16mm models to provide positive seal for serum storage or transport. For use with filters P5188-6, P5189-3, -4, -6; P5190-4, -6, -15; P5191-1, -2, -4. 500 caps per package. One size step design fits most serum filters for a positive seal.

FILTER SAMPLER® is a registered trademark of Porex Corporation.

Cat. No.	Description	Qty.
P5193-1	FILTER SAMPLER® filter cap	500/pk, 20 pk/cs

FILTER SAMPLER® Standard Model Blood Serum Filters

Use disposable FILTER SAMPLER® blood serum filters when filtered serum can be immediately poured off for analysis. Standard model is similar to the Ion-Barrier™ blood serum filter but without the one-way valve. Do not pull up or reverse from clot. For use with glass evacuated tubes only.

FILTER SAMPLER® is a registered trademark of Porex Corporation.

Ion-Barrier™ is a trademark of Porex Corporation.

Cat. No.	Description	Qty.
P5191-2	10.25mm dia. x 2 in. L	100/pk
P5191-1	10.25mm dia. x 4 in. L	100/pk
P5191-4	13mm dia. x 4 in. L	100/pk
P5190-2	16mm dia. x 2¾ in. L	100/pk
P5190-4	16mm dia. x 4 in. L	100/pk
P5190-6	16mm dia. x 6 in. L	100/pk

I.B.™ Model Blood Serum Filters

With Ion-Barrier™ disposable blood serum filters, you can store serum/plasma up to 7 days when it is essential to prevent any exchange of ions with chemistry methodologies*, (up to 4 days with coagulation methodologies*). One-way valve permits a physical gap to be created between the serum/plasma and clot. This action prevents back flow into the primary collection tube. Serum filters P5188-1 and P5189-1 have a flared design that permits direct sampling from 13 or 16mm glass or plastic evacuated tubes.

I.B.™ and Ion-Barrier™ are trademarks of Porex Corporation.

Cat. No.	Description	Qty.
13mm		
P5189-1	1⅝ in. L	100/pk
P5189-3	2¾ in. L	100/pk
P5189-4	4 in. L	100/pk
16mm		
P5188-1	1½ in. L	100/pk
P5188-2	2¾ in. L	100/pk
P5188-6	4 in. L	100/pk
P5188-8	6 in. L	100/pk

*Tested on normal population.

Instrument Specific™ Blood Serum Filters

Instrument Specific™ disposable blood serum filters are designed to remove fibrin and gel separation particulates and permit direct sampling from primary collection tubes. They help protect ISE and reduce relabeling of cups, tubes and specimens. Use with glass evacuated blood collection tubes only. Filter P5190-17 is particularly useful with Hitachi® systems.

Instrument Specific™ is a trademark of Porex Corporation.

Hitachi® is a registered trademark of Hitachi Ltd.

Cat. No.	Description	Qty.
P5190-18	13mm dia. x 1⅜ in. L	100/pk
P5190-13	13mm dia. x 2¼ in. L	100/pk
P5190-15	16mm dia. x 1¼ in. L	100/pk
P5190-17	16mm dia. x 1⅞ in. L	100/pk
P5190-16	16mm dia. x 2½ in. L	100/pk

Blood Collection

Cabinets and Carts

Custom Cabinetry

S1389 -193
1-drawer, 2-door – gray base, rose top

S1389 -220
2-drawer, 2-door – oak wood grain base, black top

S1389 -238
5-drawer – white base, blue top

Quality Stock and Custom Cabinetry

Quality Stock and Custom Cabinetry has square-edge tops with backsplashes, laminated surfaces for durability and PVC edges to prevent chipping. Drawers and doors have satin wire pulls and drawers that slide on nylon rollers. Other features include self-closing European-style hinges, integrated kick plates and adjustable shelves. All cabinets shipped fully assembled. Standard colors: dark blue with white accents or platinum gray with white accents. Custom colors and sizes upon request.

24 W x 18 D x 36 H in. 1-drawer, 2-door	24 W x 18 D x 36 H in. 2-drawer, 2-door	24 W x 18 D x 36 H in. 5-drawer	Color combination	Qty.
S1389-201	S1389-222	S1389-239	White base, white top	1/ea
S1389-200	S1389-219	S1389-238	White base, blue top	1/ea
S1389-202	S1389-218	S1389-240	White base, black top	1/ea
S1389-198	S1389-217	S1389-236	White base, green top	1/ea
S1389-197	S1389-216	S1389-235	White base, rose top	1/ea
S1389-187	S1389-208	S1389-234	Gray base, gray top	1/ea
S1389-195	S1389-221	S1389-224	Gray base, blue top	1/ea
S1389-203	S1389-215	S1389-233	Gray base, black top	1/ea
S1389-199	S1389-214	S1389-232	Gray base, green top	1/ea
S1389-193	S1389-213	S1389-231	Gray base, rose top	1/ea
S1389-204	S1389-212	S1389-237	Oak wood grain base and top	1/ea
S1389-192	S1389-220	S1389-229	Oak wood grain base, black top	1/ea
S1389-191	S1389-211	S1389-228	Oak wood grain base, rose top	1/ea
S1389-190	S1389-206	S1389-223	Almond base, almond top	1/ea
S1389-194	S1389-205	S1389-225	Almond base, blue top	1/ea
S1389-189	S1389-207	S1389-226	Almond base, black top	1/ea
S1389-188	S1389-209	S1389-230	Almond base, oak wood grain top	1/ea
S1389-196	S1389-210	S1389-227	Almond base, rose top	1/ea

Wall Supply Medical Cabinets

Securely store medicine, gloves and preparations in these high-quality supply cabinets. Durable, wood grain laminate or gray laminate and smoke-colored acrylic doors. Custom colors available upon request.

Cat. No.	Description (W x H x D)	Qty.
S1389-260	Large size, wood grain, 28 x 23 x 4¼ in.	1/ea
S1389-261	Large size, wood grain with lock	1/ea
S1389-262	Small size, wood grain, 28 x 15 x 4¼ in.	1/ea
S1389-263	Small size, wood grain with lock	1/ea
S1389-264	Large size, gray laminate, 28 x 23 x 4¼ in.	1/ea
S1389-265	Large size, gray laminate with lock	1/ea
S1389-266	Small size, gray laminate, 28 x 23 x 4¼ in.	1/ea
S1389-267	Small size, gray laminate with lock	1/ea

Patient Chart Holders

Patient Chart Holders with Automatic Closing Door

Durable, long-lasting patient chart holders are available for hospitals, clinics and medical facilities. The door opens easily and has a large, secure writing surface to write patient information in charts and notes. Convenient compartment for storage of notebooks, charts, etc. Unique automatic closing system so door does not remain open while unattended.

Cat. No.	Description (W x H x D)	Qty.
S1389-255	Patient chart holder - full size 27½ x 19½ x 4 in.	1/ea
S1389-256	Patient chart holder with lock - full size	1/ea
S1389-257	Patient chart holder - half size 16⅝ x 19½ x 4 in.	1/ea
S1389-258	Patient chart holder with lock - half size	1/ea

Cabinets and Carts

Mobile Work Station Carts

Contemporary Mobile Work Stations

These contemporary mobile work stations have been designed and developed for phlebotomy, lab and general use. The large work surface is ideal for writing or holding a laptop. Locking caster wheels allow for easy mobility. Complete with a locking drawer and height adjustable gas cylinder, the work station design is versatile offering add-on accessories to meet growing needs. Blue and white metal with acrylic top box. Adjustable dimensions (H x W x D): 29 to 39 x 17½ x 24 in.

Cat. No.	Description	Qty.
CHMWSC	Work station combination lock	1/ea
CHMWSD	Work station digital lock	1/ea
Accessories		
CHMWSB	Bracket for: glove box holder, waste container, utility box and more	1/ea
CHMWSBB	Bracket for mounting to work station	1/ea
CHMWSSH	Holder for sharps container	1/ea
CHMWSBX	Utility box, 5 H x 7½ W x 5¾ D in.	1/ea
CHMWSPT	Phlebotomy tray, 2 H x 17⅛ W x 8½ D in.	1/ea

Mobile Work Station Carts

Made of durable, long lasting plastic laminate material, this station is fit for any laboratory and commercial grade location. Easy-rolling casters make it easy to move and are also lockable for added safety. Adjustable height. Washable surface, durable and has a sleek, contemporary design. Custom colors available upon special order. The single-drawer unit has lockable drawer for storage of equipment and supplies.

Cat. No.	Description	Dimensions	Qty.
MWS-1DR	Single drawer, adjustable height	Top box, 18 D x 20 W x 9 in. H	1/ea
MWS-WD	Writing top, adjustable height	Top box, 18 D x 20 in. W	1/ea

Phlebotomy Carts

Supply Cabinets and Phlebotomy Carts

Conveniently roll carts into patients' rooms or labs. Available in standard laminate colors. Laminated for durability, there are also PVC edges to prevent chipping. The cart has square-edge top with backsplash, easy-rolling casters, satin wire pulls on drawers and doors and adjustable shelf. Comes fully assembled and available in custom colors and sizes upon request. May be customized with the phlebotomy organizer as shown on page 5. The dimensions are 30 in. tall, (without wheels, add 3 in. with wheels), 19½ in. wide and 18 in. deep.

Cat. No.	Description	Qty.
S1389-161B	Blue	1/ea
S1389-161G	Gray	1/ea
S1389-243	White with green top	1/ea
S1389-244	White with rose top	1/ea
S1389-242	Wood grain with black top	1/ea
S1389-241	Wood grain with wood top	1/ea

Benchtop Centrifuge 6V

The Benchtop Centrifuge 6V features a clear digital display and extensive control over cycle parameters. A continuous-duty, electronically controlled, programmable laboratory centrifuge equipped with a lid safety interlock system, it offers the user control over many parameters, including cycle time, speed and deceleration. The 6V features a clear digital screen which displays remaining cycle time once the centrifuge is running.

The exclusive swing out horizontal rotor allows samples to be loaded vertically yet undergo horizontal separation. Samples can be viewed safely through the transparent lid. The 6V is controlled by five electronic push buttons and a backlit display for easily controlling centrifugation parameters. Up to nine commonly used settings can be saved and recalled at the touch of a button.

Specifications:

Maximum capacity. . . . . .60 mL (6 x 10 mL)
Speed range . . . . .1,000–3,800 (±100) rpm
RCF range . . . . .114–2,000 (±90) xg
Timer. . . . . .Electronic, 1 to 99 minutes
Nominal acceleration time . . . . .20 seconds
Motor . . . . .1/30 HP, PSC motor
Power requirements . . . . .115/230 V (±10%), 50/60 Hz, 1.5 A
Dimensions: (W x D x H) . . . . .8.75 x 11.75 x 14 in.

Cat. No.	Description	Qty.
CA024104	Benchtop Centrifuge 6V, 6-carrier horizontal rotor, 6 - 100 mm carriers, 6 - 75 mm carriers, operator's manual, 10 ft. line cord	1/ea

Benchtop STAT Centrifuge DASH 6

The Benchtop STAT Centrifuge DASH 6 with 4000 xg capability can dramatically improve the turnaround time for your chemistry samples and coags. Its lid light signals the status of the centrifuge: on for running, off when ready to use and flashing when done. This unique visual indicator, valuable in the noisy lab, further reduces TAT by preventing forgotten specimens.

The DASH 6 has three pre-programmed settings for 3, 5 and 7 minutes cycles to meet the needs of the most demanding lean laboratories. All presets can be reset at the laboratory. Small yet powerful, the DASH 6 fits in accessioning and can be used in an array to cut down on wait time and shorten TAT.

Firm mechanical latching of the lid prevents the escape of debris in case of tube breakage. A clear shatterproof lid, made from a high strength polycarbonate, offers safe observation and access for photo tachometer. Advanced engineering composite resins provides maximum safety and durability with a higher strength-to-weight ratio than aluminum.

Specifications:

Maximum capacity. . . . . .60 mL (6 x 10 mL)
Maximum speed . . . . .5,300 rpm
Maximum RCF . . . . .4,000 xg
Timer. . . . . .Electronic, 1 to 30 minutes ±1%
Acceleration time . . . . .20 seconds
Motor . . . . .1/2 H.P. brushless motor
Power requirements . . . . .100–240 V, 50/60 Hz, 1.3–2.7 A
Dimensions: (H x W x D) . . . . .8 x 11 x 13.5 in.

Factory settings per tube type:

BD Vacutainer Barricor™. . . . . .5,300 rpm, 4,000 x g, 3 minutes
Coag (PPP). . . . . .5,300 rpm, 4,000 x g, 5 minutes
Gel (SST/PST™) . . . . .3,800 rpm, 2,000 x g, 7 minutes

Cat. No.	Description	Qty.
CA076104	Benchtop STAT Centrifuge DASH 6, six-place horizontal rotor, 75–100 mm tube holder	1/ea

Centrifuges

Cold Storage

Refrigerators - Blood Bank

Premier Series
Blood Bank Refrigerators

Premier Series blood bank refrigerators are designed to meet strict requirements established by the AABB, ANRC and FDA for storage of whole blood and blood components. The complete selection of +4°C refrigerators feature simplified push-button alarm test functions and reliable, field-proven refrigeration systems designed for the most demanding applications.

- Powerful industrial compressors
- Thick CFC free insulation
- Access port standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable steel drawers
- Built-in chart recorder (free standing on 4.9 cu ft)
- Automatic alarm test
- Additional lower temperature probe
- Smart defrost for temperature stability
- Standard chart recorder

UL certified.

R3840-10A

Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft. (Bag capacity)	Voltage (Hz)	Amps/ Breaker (Plug)	Cabinet	Door	Drawers	Int. Dimensions* H x D x W Inches	Ext. Dimensions* H x D x W Inches	Ship Weight lbs.
R3863-4A	4.9 (64)	115 (60)	8.0/15 (P1)	Undercounter	Single, solid	2	20 x 20.5 x 20	33.4 x 26 x 24	220
R3840-3A	11.5 (192)	115 (60)	9.4/15 (P1)	Space saver	Single, glass	6	52.4 x 21.8 x 20	73.6 x 29.4 x 24	320
R3840-5A	23.3 (385)	115 (60)	9.4/15 (P1)	Upright	Single, glass	7	58 x 29 x 24	79.2 x 36.4 x 28	470
R3840-5D	23.3 (385)	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	7	58 x 29 x 24	79.2 x 36.4 x 28	470
R3840-6A	29.2 (426)	115 (60)	9.4/15 (P1)	Upright	Single, glass	6	58 x 29 x 30	79.2 x 36.4 x 34	505
TFSBB304D	29.2 (426)	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	6	58 x 29 x 30	79.2 x 36.4 x 34	505
R3840-10A	51.1 (770)	115 (60)	15/20 (P2)	Upright	Double, glass	14	58 x 29 x 52.5	79.2 x 36.4 x 56.5	640
R3840-10D	51.1 (770)	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	14	58 x 29 x 52.5	79.2 x 36.4 x 56.5	640

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

** Nominal capacity based on 450 mL whole blood bags.

Premier Series
Chromatography Refrigerators

Premier Series chromatography refrigerators are designed for a variety of applications requiring close temperature control, full access to chromatography instrumentation and easy set-up of instrumentation and apparatus within the chamber.

- Powerful industrial compressors
- Thick CFC free insulation
- 2 large access ports standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable shelves
- Smart defrost for temperature stability
- Duplex interior plug
- Optional chart recorder

UL certified.

R3865-10A

Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Amps/ Breaker (plug)	Cabinet	Door	Shelves (full, half)	Int. Dimensions* H x D x W Inches	Ext. Dimensions* H x D x W Inches	Ship Weight lbs.
R3865-1A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, glass	0, 2	58 x 29 x 24	79.2 x 36.4 x 28	425
R38651D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	0, 2	58 x 29 x 24	79.2 x 36.4 x 28	425
CC304A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, glass	0, 2	58 x 29 x 30	79.2 x 36.4 x 34	435
CC304D	29.2	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	0, 2	58 x 29 x 30	79.2 x 36.4 x 34	435
CC454AB	45.8	115 (60)	15.0/20 (P2)	Upright	Double, sliding glass	4, 2	58 x 26 x 52.5	79.1 x 34.5 x 56.5	670
CC454D	45.8	208/230 (60)	8.5/15 (P4)	Upright	Double, sliding glass	4, 2	58 x 26 x 52.5	79.1 x 34.5 x 56.5	670
R3865-5A	51.1	115 (60)	15/20 (P2)	Upright	Double, glass	4, 2	58 x 29 x 52.5	79.2 x 36.4 x 56.5	580
R38655D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	4, 2	58 x 29 x 52.5	79.2 x 36.4 x 56.5	580
R3865-10A	78.8	115 (60)	16.0/20 (P2)	Upright	Triple, glass	8, 2	58 x 29 x 81	79.2 x 36.4 x 85	965
R386510D	78.8	208/230 (60)	10.5/15 (P4)	Upright	Triple, glass	8, 2	58 x 29 x 81	79.2 x 36.4 x 85	965

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

Cold Storage

Cold Storage

Refrigerators - Chromatography

Pro Series
Chromatography Refrigerators

Designed for a variety of applications requiring close temperature control, Pro Series chromatography refrigerators deliver stable temperatures over a range of +1°C to +12°C. Available in five sizes.

- Internal duplex outlet; two external side access ports
- Full featured alarm system
- Glass doors for easy viewing of content

UL certified.

MH30SSGAEE

MH72SSGAEE

MH45PAGAEE

Internal duplex outlet

External access port

Half shelf used in chromatography cabinets

Temperature range: +1°C to +12°C, preset to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Finish	Door	Chart Recorder	Shelves	Int. Dimensions W x D x H in.	Ext. Dimensions W x D x H in.	Ship Weight lbs.
MH30PAGAEE	27	115 (60)	Painted	Glass	No	4	27 x 28.5 x 61.75	30.75 x 33 x 81	300
MH30PAGARE	27	115 (60)	Painted	Glass	Yes	4	27 x 28.5 x 61.75	30.75 x 33 x 81	300
MH30SSGAEE	27	115 (60)	Stainless steel	Glass	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	300
MH30SSGARE	27	115 (60)	Stainless steel	Glass	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	300
MH38PAGAEE	38	115 (60)	Painted	Glass	No	8	40.5 x 27 x 61.75	44.2 x 32 x 81	524
MH38PAGARE	38	115 (60)	Painted	Glass	Yes	8	40.5 x 27 x 61.75	44.2 x 32 x 81	524
MH45PAGAEE	45	115 (60)	Painted	Glass	No	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MH45PAGARE	45	115 (60)	Painted	Glass	Yes	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MH45SSGAEE	45	115 (60)	Stainless steel	Glass	No	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MH45SSGARE	45	115 (60)	Stainless steel	Glass	Yes	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MH49PAGAEE	49	115 (60)	Painted	Glass	No	8	49 x 28.5 x 61.75	52.75 x 33 x 81	597
MH49PAGARE	49	115 (60)	Painted	Glass	Yes	8	49 x 28.5 x 61.75	52.75 x 33 x 81	597
MH49SSGAEE	49	115 (60)	Stainless steel	Glass	No	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MH49SSGARE	49	115 (60)	Stainless steel	Glass	Yes	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MH72PAGAEE	72	115 (60)	Painted	Glass	No	12	72 x 28.5 x 61.75	75.75 x 33 x 81	730
MH72PAGARE	72	115 (60)	Painted	Glass	Yes	12	72 x 28.5 x 61.75	75.75 x 33 x 81	730
MH72SSGAEE	72	115 (60)	Stainless steel	Glass	No	12	72 x 28.5 x 61.75	75.7 x 33.75 x 81	730
MH72SSGARE	72	115 (60)	Stainless steel	Glass	Yes	12	72 x 28.5 x 61.75	75.7 x 33.75 x 81	730

Cold Storage

Premier Series
Laboratory Refrigerators

This selection of high performance laboratory refrigerators offers cabinet sizes to fit a variety of space needs and storage equipment.

- Powerful industrial compressors
- Thick CFC free insulation
- Access port standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable shelves
- Smart defrost for temperature stability
- Optional chart recorder
- Available in solid or glass door except 45.8 cu. ft. (sliding glass only)

UL certified.

R3802-10A

R3802-3A

R3863-1A

LRG234A

Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Shelves	Int. Dimensions* H x D x W in.	Ext. Dimensions* H x D x W in.	Ship Weight lbs.
R3863-1A	4.9	115 (60)	8.0/15 (P1)	Undercounter	Single, solid	3	20 x 20.5 x 20	33.4 x 26 x 24	220
LRG46A	4.9	115 (60)	8.0/15 (P1)	Undercounter	Single, glass	3	20 x 20.5 x 20	33.4 x 26 x 24	220
LRG46D	4.9	208/230 (60)	6.0/15 (P4)	Undercounter	Single, glass	3	20 x 20.5 x 20	33.4 x 26 x 24	220
R3802-3A	11.5	115 (60)	9.4/15 (P1)	Space saver	Single, solid	4	52.4 x 21.8 x 20	73.6 x 29.4 x 24	280
LRG124A	11.5	115 (60)	9.4/15 (P1)	Space saver	Single, glass	4	52.4 x 21.8 x 20	73.6 x 29.4 x 24	280
LRG124D	11.5	208/230 (60)	6.0/15 (P4)	Space saver	Single, glass	4	52.4 x 21.8 x 20	73.6 x 29.4 x 24	280
R3802-5A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, solid	4	58 x 29 x 24	79.2 x 37.2 x 28	370
LRG234A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, glass	4	58 x 29 x 24	79.2 x 37.2 x 28	370
R38025D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, solid	4	58 x 29 x 24	79.2 x 37.2 x 28	370
LRG234D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	4	58 x 29 x 24	79.2 x 37.2 x 28	370
R3802-6A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, solid	4	58 x 29 x 30	79.2 x 37.2 x 34	435
LRG304A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, glass	4	58 x 29 x 30	79.2 x 37.2 x 34	435
LRG304D	29.2	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	4	58 x 29 x 30	79.2 x 37.2 x 34	435
R3802-7A	45.8	115 (60)	15.0/20 (P2)	Upright	Double, sliding glass	8	58 x 26 x 52.5	79.1 x 34.5 x 56.5	670
R3802-10A	51.1	115 (60)	15/20 (P2)	Upright	Double, solid	8	58 x 29 x 52.5	79.2 x 37.2 x 56.5	585
LRG504A	51.1	115 (60)	15/20 (P2)	Upright	Double, glass	8	58 x 29 x 52.5	79.2 x 37.2 x 56.5	585
R380210D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, solid	8	58 x 29 x 52.5	79.2 x 37.2 x 56.5	585
LRG504D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	8	58 x 29 x 52.5	79.2 x 37.2 x 56.5	585
R3802-15A	78.8	115 (60)	16.0/20 (P2)	Upright	Triple, solid	12	58 x 29 x 81	79.2 x 37.2 x 85	805
LRG754A	78.8	115 (60)	16.0/20 (P2)	Upright	Triple, glass	12	58 x 29 x 81	79.2 x 37.2 x 85	805
R3802-15D	78.8	208/230 (60)	10.5/15 (P4)	Upright	Triple, solid	12	58 x 29 x 81	79.2 x 37.2 x 85	805
LRG754D	78.8	208/230 (60)	10.5/15 (P4)	Upright	Triple, glass	12	58 x 29 x 81	79.2 x 37.2 x 85	805

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representatives. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representatives for specific inquiries regarding your application.

Cold Storage

Cold Storage

Refrigerators - General Laboratory

Pro Series
Laboratory Refrigerators

Pro Series laboratory refrigerators deliver stable temperature control over a range of +1°C to +12°C. Refrigerator door options include solid, glass and sliding glass on certain models. Also available with painted coated steel or stainless steel exteriors. Shelving with pilaster mounting system allows flexibility in placement. Available in eight sizes.

- 1 in. access port
- 2 in. dual wheel casters

UL certified.

MR12PAGAEE

MR25SSSAEE

Temperature range: +1°C to +12°C, preset to +4°C; undercounter +2°C to +10°C, preset to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Finish	Door	Chart Recorder	Shelves	Int. Dimensions W x D x H in.	Ext. Dimensions W x D x H in.	Ship Weight lbs.
MR12PAGAEE	12	115 (60)	Painted	Glass	No	4	21 x 20.75 x 45.75	24.75 x 25 x 75.82	230
MR25PAGAEE	23	115 (60)	Painted	Glass	No	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25PAGARE	23	115 (60)	Painted	Glass	Yes	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSGAEE	23	115 (60)	Stainless steel	Glass	No	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSGARE	23	115 (60)	Stainless steel	Glass	Yes	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSSAEE	23	115 (60)	Stainless steel	Solid	No	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR25SSSARE	23	115 (60)	Stainless steel	Solid	Yes	4	24 x 28.5 x 61.75	27.75 x 33.75 x 81	300
MR30PAGAEE	27	115 (60)	Painted	Glass	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30PAGARE	27	115 (60)	Painted	Glass	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30PASAEE	27	115 (60)	Painted	Solid	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30PASARE	27	115 (60)	Painted	Solid	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSGAEE	27	115 (60)	Stainless steel	Glass	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSGARE	27	115 (60)	Stainless steel	Glass	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSSAEE	27	115 (60)	Stainless steel	Solid	No	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386
MR30SSSARE	27	115 (60)	Stainless steel	Solid	Yes	4	27 x 28.5 x 61.75	30.75 x 33.75 x 81	386

Cold Storage

**Pro Series
Laboratory Refrigerators (continued)**

MR49PASARE

Internal light and fan standard on all Pro Series models

1 in. access port standard on all refrigerators and freezers

Temperature range: +1°C to +12°C, preset to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Finish	Door	Chart Recorder	Shelves	Int. Dimensions W x D x H in.	Ext. Dimensions W x D x H in.	Ship Weight lbs.
MR38PAGAEE	38	115 (60)	Painted	Glass	No	8	40.5 x 27 x 61.75	44.2 x 33 x 81	524
MR38PAGARE	38	115 (60)	Painted	Glass	Yes	8	40.5 x 27 x 61.75	44.2 x 33 x 81	524
MR45PAGAEE	45	115 (60)	Painted	Glass	No	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR45PAGARE	45	115 (60)	Painted	Glass	Yes	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR45SSGAEE	45	115 (60)	Stainless steel	Glass	No	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR45SSGARE	45	115 (60)	Stainless steel	Glass	Yes	8	49 x 27 x 61.75	52.7 x 33 x 81	561
MR49PAGAEE	49	115 (60)	Painted	Glass	No	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49PAGARE	49	115 (60)	Painted	Glass	Yes	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49PASAEE	49	115 (60)	Painted	Solid	No	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49PASARE	49	115 (60)	Painted	Solid	Yes	8	49 x 28.5 x 61.75	52.75 x 33.75 x 81	597
MR49SSGAEE	49	115 (60)	Stainless steel	Glass	No	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR49SSGARE	49	115 (60)	Stainless steel	Glass	Yes	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR49SSSAEE	49	115 (60)	Stainless steel	Solid	No	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR49SSSARE	49	115 (60)	Stainless steel	Solid	Yes	8	49 x 28.5 x 61.75	52.7 x 33.75 x 81	597
MR72PAGAEE	72	115 (60)	Painted	Glass	No	12	72 x 28.5 x 61.75	75.7 x 33 x 81	730
MR72PAGARE	72	115 (60)	Painted	Glass	Yes	12	72 x 28.5 x 61.75	75.7 x 33 x 81	730
MR72SSGAEE	72	115 (60)	Stainless steel	Glass	No	12	72 x 28.5 x 61.75	75.7 x 33.75 x 81	730
MR72SSGARE	72	115 (60)	Stainless steel	Glass	Yes	12	72 x 28.5 x 61.75	75.7 x 33.75 x 81	730

Cold Storage

Cold Storage

Refrigerators - Pharmacy

Premier Series
Pharmacy Refrigerators

Configured for accurate storage and easy retrieval of pharmacy products, Premier Series pharmacy refrigerators feature full-extension stainless steel roll-out drawers. Developed for stable temperature control over a range of +1°C to +8°C, these refrigerators are available in four sizes.

- Powerful industrial compressors
- Thick CFC free insulation
- Access ports standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable steel drawers
- Smart defrost for temperature stability
- Optional chart recorder

UL certified.

TFSPR304A

Temperature range: +1°C to +8°C, factory pre-set to +4°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Drawers	Int. Dimensions* H x D x W in.	Ext. Dimensions* H x D x W in.	Ship Weight lbs.
R3872-1A	23.3	115 (60)	9.4/15 (P1)	Upright	Single, glass	6	58 x 29 x 24	79.2 x 36.4 x 28	470
R38721D	23.3	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	6	58 x 29 x 24	79.2 x 36.4 x 28	470
TFSPR304A	29.2	115 (60)	9.4/15 (P1)	Upright	Single, glass	6	58 x 29 x 30	79.2 x 36.4 x 34	505
TFSPR304D	29.2	208/230 (60)	6.0/15 (P4)	Upright	Single, glass	6	58 x 29 x 30	79.2 x 36.4 x 34	505
R3872-5A	51.1	115 (60)	15.0/20 (P2)	Upright	Double, glass	12	58 x 29 x 52.5	79.2 x 36.4 x 56.5	640
R38725D	51.1	208/230 (60)	8.5/15 (P4)	Upright	Double, glass	12	58 x 29 x 52.5	79.2 x 36.4 x 56.5	640

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

Cold Storage

Refrigerators, Freezers and Combinations - General Laboratory

Select Series
Laboratory Refrigerators and Freezers

Cardinal Health Select laboratory refrigerators, freezers and combination units provide an economical solution for safe sample storage. This range of models is particularly suited for routine laboratory applications with sizes from small benchtop to full-height freestanding.

- Factory tested prior to shipment
- NRTL listed
- Non CFC refrigerants
- Adjustable temperature control
- Easy-to-clean, durable finish
- Manual and auto defrost combination units
- Manual defrost refrigerators and freezers

CSA or UL certified.

CH10LCEECA

CH05LREECA

Refrigerators - Temperature range: 1°C to 12°C

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH05LREECA	5.5	Manual	120 (60)	4 adjustable	Yes	27.75 x 17.5 x 20	33.5 x 23.5 x 23.63	102
CH17LREECA	17.7	Manual	120(60)	4 fixed	No	57.3 x 22 x 27.8	67.7 x 28.5 x 34	255
CH20LREECA	20.3	Manual	120 (60)	5 fixed	Yes	57.8 x 23.8 x 27.8	73.13 x 30.5 x 34	240

Freezers - Temperature range: -12°C to -20°C

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH05LFEECA	5	Manual	120 (60)	2 fixed, 3 door	No	26 x 20.25 x 18	33.38 x 25.88 x 23.75	84
CH20LFEECA	20.6	Manual	120 (60)	4 fixed	Yes	57.8 x 23.8 x 27.8	73.13 x 30.5 x 34	200

Combination Refrigerator/Freezers - Temperature range 1°C to 12°C ref., -12°C to -20°C frz.

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Drawers	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH05LCEECA	5.6	Manual	120(60)	3 adjustable	Yes	19.5 x 17 x 20.5 (ref) 5 x 11.5 x 19 (frz)	33.5 x 23.5 x 23.63	120
CH10LCEECA	10	Manual	120 (60)	Ref: 3 / 4 Frz: 1	–	38.25 x 18.25 x 19.75 (ref) 18.25 x 11.25 x 18 (frz)	59.75 x 24 x 23.63	150
CH18LCEECA	17.6	Automatic	120 (60)	Ref: 2 Frz: 3	3	39.75 x 24.75 x 26 (ref) 15.5 x 21 x 26 (frz)	66.13 x 29.88 x 30	205

Note: Key locks are not available on any combination units
Features digital temperature display

Cold Storage

Cold Storage

Refrigerators, Freezers and Combinations - Flammable Material

Select Series
Flammable Material Laboratory Refrigerators and Freezers

Select Series flammable storage refrigerators, freezers and combination units are designed to be used for storage of volatiles where a spark-free internal cabinet environment is required.

A range of models particularly suited for storage of flammable materials with sizes from small undercounter to full height freestanding.

- Spark-free interiors to reduce risk of internal explosion
- All units are manual defrost
- Tough white exterior (except model no. 3575-10)
- CFC- and HCFC-free refrigeration system and insulation
- Designed to meet NFPA 45 and 99 along with OSHA article 1910.307

CSA or UL certified.

CH20FREECA

Refrigerators - Temperature range: 1°C to 12°C

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH05FREECA	5.5	Manual	120 (60)	4 adjustable	Yes	27.75 x 17.5 x 20	33.5 x 28.1 x 23.63	110
CH20FREECA	20	Manual	120 (60)	4 fixed	Yes	57.8 x 23.8 x 27.8	73.13 x 35.81 x 34	230

Freezers - Temperature range: -12°C to -20°C

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH05FFEECA	5	Manual	120 (60)	2 fixed, 3 door	No	28 x 15 x 18	33.5 x 30.44 x 21.25	84
CH20FFEECA	20	Manual	120 (60)	4 fixed	Yes	57.8 x 23.8 x 27.8	73.13 x 35.81 x 34	200

Combination refrigerator/freezer - Temperature range: 1°C to 12°C Ref., -12°C to -20°C Frz.

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH10FCEECA	10	Manual	120 (60)	Ref: 4 door, 3 adjustable Frz: 1 adjustable	No	38.25 x 18.25 x 19.75 (ref) 18.25 x 11.25 x 18 (frz)	59.75 x 28.6 x 23.63	150

Cold Storage

Select Series
Spark-free Laboratory Refrigerators and Freezers

Select Series spark-free refrigerators, freezers and combination units are designed to be used in areas where ignitable materials are normally present.

A range of models, particularly suited for safe storage in hazardous environments, are available with sizes from undercounter to full height freestanding.

- Spark-free interior and exteriors reduce the risk of explosion
- All models are manual defrost
- Tough white exterior
- CFC- and HCFC-free refrigeration system and insulation
- Designed for use in Class 1, Division 1, Group C and D environments
- Plug-free cords (units must be hardwired to wall)

CSA or UL certified.

CH10ECEECA   CH20EFEECA

Refrigerators - Temperature range: 1°C to 12°C

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH05EREECA	5.5	Manual	120 (60)	4 adjustable	Yes	27.75 x 17.5 x 20	33.5 x 28.1 x 23.63	110
CH20EREECA	20	Manual	120 (60)	4 fixed	Yes	57.8 x 23.8 x 27.8	73.13 x 35.81 x 34	230

Freezers - Temperature range: -12°C to -20°C

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH20EFEECA	20	Manual	120 (60)	4 fixed	Yes	57.8 x 23.8 x 27.8	73.13 x 35.81 x 34	200

Combination refrigerator/freezer - Temperature range: 1°C to 12°C Ref., -12°C to -20°C Frz.

Cat. No.	Cu. Ft.	Defrost	Voltage (Hz)	Shelves (Interior)	Key Lock	Int. Dimensions H x D x W in.	Ext. Dimensions H x D x W in.	Ship Weight lbs.
CH10ECEECA	10	Manual	120 (60)	Ref: 4 door, 3 adjustable; Frz: 1 fixed	No	38.25 x 18.25 x 19.75 (ref) 18.25 x 11.25 x 18 (frz)	59.75 x 28.6 x 23.63	150

Cold Storage

Cold Storage

Freezers

Premier Series
Laboratory Freezers

These -30°C high performance laboratory freezers are designed for medical and scientific applications such as storage of reagents, pharmaceuticals, biologicals, or other temperature sensitive laboratory materials. Models offer cabinet sizes to fit a variety of space needs and storage volume requirements.

- Powerful industrial compressors
- Thick CFC free insulation
- Access port standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable shelves
- Force air for rapid cooling
- Smart defrost for temperature stability
- Optional chart recorder

UL certified.

R3800-10A

R3800-6A

Temperature range: -30°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Shelves	Int. Dimensions* H x D x W in.	Ext. Dimensions* H x D x W in.	Ship Weight lbs.
R3863-2A	4.9	115 (60)	8.0/15 (P1)	Undercounter	Single, solid	3	20 x 20.5 x 20	33.4 x 26 x 24	220
R3800-3A	11.5	115 (60)	8.0/15 (P1)	Space saver	Single, solid	4	52.4 x 21 x 20	73.6 x 30 x 24	280
R3800-5A	23.3	115 (60)	16.0/20 (P1)	Upright	Single, solid	4	58 x 29 x 24	79.2 x 37.2 x 28	425
R3800-5D	23.3	208/230 (60)	12.0/15 (P4)	Upright	Single, solid	4	58 x 29 x 24	79.2 x 37.2 x 28	425
R3800-6A	29.2	115 (60)	16.0/20 (P1)	Upright	Single, solid	4	58 x 29 x 30	79.2 x 37.2 x 34	445
R3800-10A	51.1	115 (60)	16.0/20 (P2)	Upright	Double, solid	8	58 x 29 x 52.5	79.2 x 37.2 x 56.5	600
R3800-10D	51.1	208/230 (60)	12.0/15 (P4)	Upright	Double, solid	8	58 x 29 x 52.5	79.2 x 37.2 x 56.5	600

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

Cold Storage

Premier Series Plasma Freezers

These -30°C plasma freezers are designed to meet AABB, ANRC and FDA standards for safety and performance in plasma storage. Five models offer cabinet sizes and full-extension roll-out drawers to meet a variety of space needs and storage volume requirements.

- Powerful industrial compressors
- Thick CFC free insulation
- Access port standard
- Adjustable temperature set point
- Adjustable temperature alarms
- Built in contacts for remote alarms
- Self-closing doors
- Adjustable steel drawers
- Built-in chart recorder (free standing on 4.9 cu ft)
- Automatic alarm test
- Additional lower temperature probe
- Smart defrost for temperature stability
- Standard chart recorder

UL certified.

R3850-10A

R3863-3A

Temperature range: -30°C (auto defrost)

Cat. No.	Cu. Ft. (Box Capacity)	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Drawers	Int. Dimensions* H x D x W in.	Ext. Dimensions* H x D x W in.	Ship Weight lbs.
R3863-3A	4.9 (78)	115 (60)	8.0/15 (P1)	Undercounter	Single, solid	2	20 x 20.5 x 20	33.4 x 26 x 24	220
R3850-3A	11.5 (273)	115 (60)	8.0/15 (P1)	Space saver	Single, solid	7	52.4 x 21 x 20	73.6 x 30 x 24	365
R3850-5A	23.3 (532)	115 (60)	16.0/20 (P2)	Upright	Single, solid	7	58 x 29 x 24	79.2 x 37.2 x 28	425
R3850-5D	23.3 (532)	208/230 (60)	12.0/15 (P4)	Upright	Single, solid	7	58 x 29 x 24	79.2 x 37.2 x 28	425
UPF3030A	29.2 (665)	115 (60)	16.0/20 (P2)	Upright	Single, solid	7	58 x 29 x 30	79.2 x 37.2 x 34	580
UPF3030D	29.2 (665)	208/230 (60)	12.0/15 (P4)	Upright	Single, solid	7	58 x 29 x 30	79.2 x 37.2 x 34	580
R3850-10A	51.1 (1064)	115 (60)	16.0/20 (P2)	Upright	Double, solid	14	58 x 29 x 52.5	79.2 x 37.2 x 56.5	600
R3850-10D	51.1 (1064)	208/230 (60)	12.0/15 (P4)	Upright	Double, solid	14	58 x 29 x 52.5	79.2 x 37.2 x 56.5	600

* Published interior volumes are nominal; useable cu. ft. capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

Cold Storage

Cold Storage

Freezers

Pro Series Freezers

Three sizes to fit your specific needs from under counter units to full size models. Pro Series freezers deliver stable temperature control over a range of -12°C to -30°C with automated defrost.

- 1 in. access port
- 2 in. dual wheel casters
- Solid door and stainless steel exterior

UL certified.

1 in. access port standard on all refrigerators and freezers

MF25SSSAEE

MF49SSSAEE

Freezers - Temperature range: -12°C to -30°C (auto defrost)

Cat. No.	Cu. Ft.	Voltage (Hz)	Finish	Door	Chart Recorder	Shelves	Int. Dimensions W x D x H in.	Ext. Dimensions W x D x H in.	Ship Weight lbs.
MF25SSSAEE	24	115 (60)	Stainless steel	Solid	No	3	22 x 28 x 60	26.75 x 33.75 x 81.5	392
MF25SSSARE	24	115 (60)	Stainless steel	Solid	Yes	3	22 x 28 x 60	26.75 x 33.75 x 81.5	392
MF34SSSAEE	34	115 (60)	Stainless steel	Solid	No	3	31 x 28 x 60	35.75 x 33.75 x 81.5	429
MF34SSSARE	34	115 (60)	Stainless steel	Solid	Yes	3	31 x 28 x 60	35.75 x 33.75 x 81.5	429
MF49SSSAEE	48	208/230 (60)	Stainless steel	Solid	No	6	48 x 28 x 60	52.75 x 33.75 x 81.5	630
MF49SSSARE	48	208/230 (60)	Stainless steel	Solid	Yes	6	48 x 28 x 60	52.75 x 33.75 x 81.5	630

Accessories for Premier Refrigerators and Freezers

	4.9 cu. ft. (133L)	11.5 cu. ft. (326L)	23.3 cu. ft. (659L)	29.2 cu. ft. (826L)	45.8 cu. ft. (1,297L)	51.1 cu. ft. (1,447L)	78.8 cu. ft. (2,231L)
Shelves	**Cat. No.**						
Epoxy-coated, full size	TFS7125	TFS7125	TFS6696	TFS6695	TFS6696	TFS6696	TFS6696
Door options							
LH swing, solid	TFS7119	TFS6995	TFS6997	TFS6999	n/a	n/a	n/a
LH swing, glass	n/a	TFS6996	TFS6998	TFS7000	n/a	n/a	n/a
RH swing, glass	TFS7118	TFS7066	TFS7012	TFS7013	n/a	n/a	n/a
RH swing, heated glass	n/a	TFS7074	TFS7086	TFS7088	n/a	n/a	n/a
LH/LH swing, solid	n/a	n/a	n/a	n/a	n/a	TFS7001	n/a
LH/LH swing, glass	n/a	n/a	n/a	n/a	n/a	TFS7067	n/a
LH/LH swing, heated glass	n/a	n/a	n/a	n/a	n/a	TFS7089	n/a
RH/RH swing, solid	n/a	n/a	n/a	n/a	n/a	TFS7068	n/a
RH/RH swing, glass	n/a	n/a	n/a	n/a	n/a	TFS7069	n/a
RH/RH swing, heated glass	n/a	n/a	n/a	n/a	n/a	TFS7090	n/a
LH/RH swing, glass	n/a	n/a	n/a	n/a	n/a	TFS7014	n/a
LH/RH swing, heated glass	n/a	n/a	n/a	n/a	n/a	TFS7091	n/a
LH/LH/LH swing, solid	n/a	n/a	n/a	n/a	n/a	n/a	TFS7070
LH/LH/LH swing, glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7071
LH/LH/LH swing, heated glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7093
RH/RH/RH swing, solid	n/a	n/a	n/a	n/a	n/a	n/a	TFS7072
RH/RH/RH swing, glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7008
RH/RH/RH swing, heated glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7083
LH/LH/RH swing, solid	n/a	n/a	n/a	n/a	n/a	n/a	TFS7009
LH/LH/RH swing, glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7010
LH/LH/RH swing, heated glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7084
LH/RH/RH swing, glass	n/a	n/a	n/a	n/a	n/a	n/a	TFS7015
Roll-out drawers – Complete set							
Refrigerator and Freezer	n/a	TFS7445 (5)	TFS6699 (6)	TFS6704 (6)	n/a	TFS6700 (12)	TFS6701 (18)
Additional Refrigerator and Freezer	n/a	n/a	TFS6702	TFS6725	n/a	TFS6702	TFS6702
Finishes (adds 1 in. or 25mm to unit height)							
Stainless steel interior	TFS7116	TFS6199-3D	TFS6115	TFS6709	TFS6711	TFS6116	TFS6117

Cold Storage

Cold Storage

Accessories for Premier Refrigerators and Freezers

	4.9 cu. ft. (133L)	11.5 cu. ft. (326L)	23.3 cu. ft. (659L)	29.2 cu. ft. (826L)	45.8 cu. ft. (1,297L)	51.1 cu. ft. (1,447L)	78.8 cu. ft. (2,231L)
Temperature recorders	**Cat. No.**						
Built-in, factory installed	n/a	TFS6183-7	TFS6183-7	TFS6183-7	TFS6183-7	TFS6183-7	TFS6183-7
Replacement chart paper -40 to +25 box of 50	TFS6184	TFS6184	TFS6184	TFS6184	TFS6184	TFS6184	TFS6184
Surge suppressor							
Specify voltage with order	TFS6402-1	TFS6402-1	TFS6402-1	TFS6402-1	TFS6402-1	TFS6402-1	TFS6402-1
Lab cooler modules							
Lab Cooler II (holds 24 1.5 mL tubes and 8 0.5 mL tubes)	TFS6744	TFS6744	TFS6744	TFS6744	TFS6744	TFS6744	TFS6744
LabCooler Lite (holds 7 1.5 mL tubes)	TFS6745	TFS6745	TFS6745	TFS6745	TFS6745	TFS6745	TFS6745
Deluxe electronic telephone dialer							
Requires dedicated phone line	TFS6224TA	TFS6224TA	TFS6224TA	TFS6224TA	TFS6224TA	TFS6224TA	TFS6224TA
Alarm delay module							
Specify refrigerator freezer voltage with order	TFS6903	TFS6903	TFS6903	TFS6903	TFS6903	TFS6903	TFS6903
Access port							
Specify location with order	TFS6038	TFS6038	TFS6038	TFS6038	TFS6038	TFS6038	TFS6038
Digital temperature monitor							
Specify refrigerator freezer voltage with order	TFS6898	TFS6898	TFS6898	TFS6898	TFS6898	TFS6898	TFS6898
Enzyme storage bin							
Labels not included	n/a	n/a	n/a	TFS6736	n/a	n/a	n/a

CH4200-602

SP4200-597
Single funnel

SP4200-595
Double funnel

Disposable Cytology Funnels with Funnel Clips

These cytofunnels with disposable clip are fully compatible with the Shandon Cytospin Centrifuge and are a functional equivalent to the Shandon EZ Cytofunnel®. The plastic clips hold cytology funnels firmly against a microscope slide during the centrifugation process. These high-quality funnels can be used to deposit a thin layer of cells in a clearly defined area of a microscope slide. The single-use filter card effectively absorbs any excess fluid. Single funnel SP4200-598 includes brown filter card to facilitate slower absorption of sparse samples.

- **Reliable Performance** – complete system is fully compatible for use with the Shandon Cytospin® centrifuge.
- **Easy to use** – disposable clips offer reliable performance and improved efficiencies–eliminates the time required to sanitize metal clips.
- **Savings** – cytofunnels and clips are high quality and a lower cost alternative to other cytology funnel systems.

Cytospin and Cytofunnel are registered trademarks of Thermo Electron Corp.

Cat. No.	Description	Qty.
Funnel Clip		
CH4200-602	Disposable cytology funnel clip	50/pk
Single funnels		
SP4200-597	With white filter card	50/pk
SP4200-599	With white filter card, bulk pack	500/cs
SP4200-598	With brown filter card	50/pk
Double funnels		
SP4200-595	With white filter card	25/pk
SP4200-596	With white filter card, bulk pack	500/cs
Cytology funnels with clip		
SP597CLIP	Single funnel with clip, white card	50/bx
SP598CLIP	Single funnel with clip, brown card	50/bx
SP595CLIP	Double funnel with clip, white card	25/bx

Histological Freezing Spray

This moisture-free and non-flammable freezing spray is used to "flash freeze" tissue specimens in the cryostat or harden difficult-to-cut tissue on the microtome during sectioning. Optimal functional design: variable pressure trigger and capillary nozzle enables precise cooling or freezing of tissue and helps prevent over-cooling of specimen. Does not contain any chlorofluorocarbons (CFCs) or hydroflourocarbons (HFCs)

Cat. No.	Description	Qty.
CH7154	Freezing spray - 11 oz.	12/cs

Lab Wipes

Highly absorbent and low linting, these wipes are ideal for general cleanup around the lab. They can also be used as an absorbent surface for cover slipping or for extra protection in your pathology lab during grossing. Safe for delicate surfaces. Packaged in bags of 50.

Cat. No.	Description	Qty.
CHLW3900	Lab Wipes - 12 x 13 in.	50/pk, 18 pk/cs

CH8382

CH8383

CH3489

CH3491

Economy and Premium Microtome Blades

These blades utilize high grade steel, employ advanced machinery with multi-phased processes, and test using composition analyses to ensure quality performance. Economy disposable microtome blades for routine sectioning are composed of high-quality stainless steel. Premium disposable microtome blades are used for routine specimens and biopsies; premium high profile blades are chromium plated. Chromium plated enhanced durability blades are used for biopsies and dense tissues. 80mm in length with blade angle of 35°.

Cat. No.	Description	Qty.
Economy blades		
CH8382	Low profile - 8mm width	50/bx, 10 bx/cs
CH8383	High profile - 14mm width	50/bx, 10 bx/cs
Premium blades		
CH3489	Low profile - 8mm width	50/bx, 10 bx/cs
CH3497	Low profile enhanced durability - 8mm width	50/bx, 10 bx/cs
CH3491	High profile - 14mm width	50/bx, 10 bx/cs

Molds/Paraffin and Paraffin Wax Dispenser

Disposable Base Molds

Use plastic base molds for applications in specimen embedding. These molds help avoid reprocessing associated with metal molds.

Cat. No.	Description	Qty.
M7307-1	7 x 7mm	500/cs
M7307-2	15 x 15mm	500/cs
M7307-3	24 x 24mm	500/cs
M7307-4	30 x 24mm	500/cs
M7307-5	37 x 24mm	500/cs

Ameraffin® LP Tissue Embedding Medium

Use Ameraffin® LP medium for embedding and infiltration. This blend of highly refined paraffin with a low concentration of polymers minimizes infiltration time while allowing thin sections to be cut. Ameraffin® LP medium provides consistent morphology with minimal compression and cell disruption. It melts uniformly from 55° to 57°C. Free-formed flakes are packaged in 2 lbs. bag.

Cat. No.	Description	Qty.
M7347-1	LP tissue embedding medium	10/cs

Ameraffin® Tissue Embedding Medium

Ameraffin® tissue embedding medium combines highly refined paraffin having narrow carbon-chain distribution with polymers to provide minimal compression and ultrathin sections. Quality ribbons of flat, thin sections highlight morphological detail. You can use Ameraffin® medium for both embedding and infiltrating. You can also substitute it for an existing embedding medium with little or no change in methodology. An antioxidant has been added to help prevent discoloration and inhibit stain fading. Melts uniformly from 55°C to 57°C. 2 lbs. bag.

Cat. No.	Description	Qty.
M7346-1A	Tissue embedding medium	10/cs

Ameriplast™ Paraffin

Made of paraffin and plastic polymers, these three Ameriplast™ paraffins deliver excellent processing and yield thin, flat and wrinkle-free sections. They were developed to meet the demanding and versatile needs of a laboratory.

Paraffin T8331 contains DMSO to improve infiltration rate. Paraffin T8332 consists of a blend of low molecular weight paraffin and polymers to reduce melting point, which protects tissues from excessive temperature during processing. All paraffin supplied in bags of 1kg. Eight bags of paraffin per case.

Cat. No.	Description	Melting Point	Qty.
T8330	Processing and embedding	56°C (133°F)	8/cs
T8331	Improved infiltration	56°C (133°F)	8/cs
T8332	Low melting point	50° to 54°C (122° to 129°F)	8/cs

Paraffin Wax Dispenser

This paraffin wax dispenser has a small, compact footprint with a capacity of 5L (approximately 1.25 gallons). Heated valve helps ensure a consistent flow of molten wax and the dispenser valve can be locked in the open position if desired. Aluminum inner reservoir provides excellent thermal transfer and temperature control. Also helps to prevent large particulates from clogging the dispenser valve. Stainless steel outer housing. Standard 2-year manufacturer's warranty.

Specifications:

Overall dimensions (W x H) . . . . 8.5 x 16 in. (21.6 x 40.6cm)

Temperature range. . . . . 40°C to 75°C ± 2°C

Approvals certified . . . . UL61010-1 and CSA C22.2 standards

Electrical. . . . . 115VAC, 50/60 Hz, 250 W

Cat. No.	Description	Qty.
M7654-8	Paraffin wax dispenser	1/ea

Surgical Blades/Tissue Cassettes and Accessories

Surgical Blades

These high-quality, stainless steel surgical blades are available in a variety of sizes, sterile and nonsterile. Blades are individually-wrapped.

Cat. No.	Blade No.	Length	Qty.
Sterile blades			
D2862-10A	10	1⅝ in.	144/cs
D2862-11A	11	1¾ in.	144/cs
D2862-12A	12	1½ in.	144/cs
D2862-15A	15	1½ in.	144/cs
D2862-20A	20	1¾ in.	144/cs
D2862-21A	21	2 in.	144/cs
D2862-22A	22	2¼ in.	144/cs
D2862-23A	23	2 in.	144/cs
Nonsterile blades			
D2863-10	10	1⅝ in.	12/pk, 144/cs
D2863-11	11	1¾ in.	12/pk, 144/cs
D2863-12	12	1½ in.	12/pk, 144/cs
D2863-15	15	1½ in.	12/pk, 144/cs
D2863-20	20	1¾ in.	12/pk, 144/cs
D2863-21	21	2 in.	12/pk, 144/cs
D2863-22	22	2¼ in.	12/pk, 144/cs
D2863-23	23	2 in.	12/pk, 144/cs
D2863-60	60	2¾ in.	12/pk, 144/cs

Biopsy Cassettes

The efficient flow-through slots maximize fluid exchange and ensure proper drainage. The one-piece integral lid eliminates the need for separate steel lids. The snap-latch and hinge-lock design prevent early separation of base and lid and allow for one-handed operation. Anterior writing area is at a 35° angle.

Cat. No.	Description	Qty.
CH50612A	Aqua	500/bx, 3 bx/cs
CH5066B	Blue	500/bx, 3 bx/cs
CH5069GY	Gray	500/bx, 3 bx/cs
CH5064G	Green	500/bx, 3 bx/cs
CH50610L	Lilac	500/bx, 3 bx/cs
CH50611O	Orange	500/bx, 3 bx/cs
CH5067PE	Peach	500/bx, 3 bx/cs
CH5063P	Pink	500/bx, 3 bx/cs
CH5068T	Tan	500/bx, 3 bx/cs
CH5062W	White	500/bx, 3 bx/cs
CH5065Y	Yellow	500/bx, 3 bx/cs

Foam Biopsy Pad

Use these 1¼ x 1 x ⅛ in. foam pad to hold small biopsies in place during processing and for storage when using tissue cassettes. Medium blue color assists with tissue visibility. Pad is compatible with all histology solvents, except Helly's fixative.

Cat. No.	Description	Qty.
M7325-1A	Foam biopsy pad	500/bg

Embedding Cassettes

Cassettes are suitable for holding and identifying tissue samples in processing, embedding, and sectioning procedures. These cassettes are designed to accept standard metal lids CH481. The slanted writing surface accepts markings easily.

Cat. No.	Description	Qty.
CH480-6B	Blue	500/bx, 3 bx/cs
CH480-4G	Green	500/bx, 3 bx/cs
CH480-3P	Pink	500/bx, 3 bx/cs
CH480-2W	White	500/bx, 3 bx/cs
CH480-5Y	Yellow	500/bx, 3 bx/cs
CH481	Stainless steel lid for CH480 series	25/cs

Processing Cassettes

Cassettes are one piece with frangible hinges for easy lid removal, a 45° writing surface and a secure latch closure.

Cat. No.	Description	Qty.
CH39LC3	Aqua	1,000/cs
CH39LC2	Blue	1,000/cs
CH39LC8	Gold	1,000/cs
CH39LC11	Gray	1,000/cs
CH39LC4	Green	1,000/cs
CH39LC5	Lilac	1,000/cs
CH39LC7	Orange	1,000/cs
CH39LC6	Pink	1,000/cs
CH39LC10	Tan	1,000/cs
CH39LC1	White	1,000/cs
CH39LC9	Yellow	1,000/cs

Cytology/Histology

Tissue Cassettes - Taped and Tubed
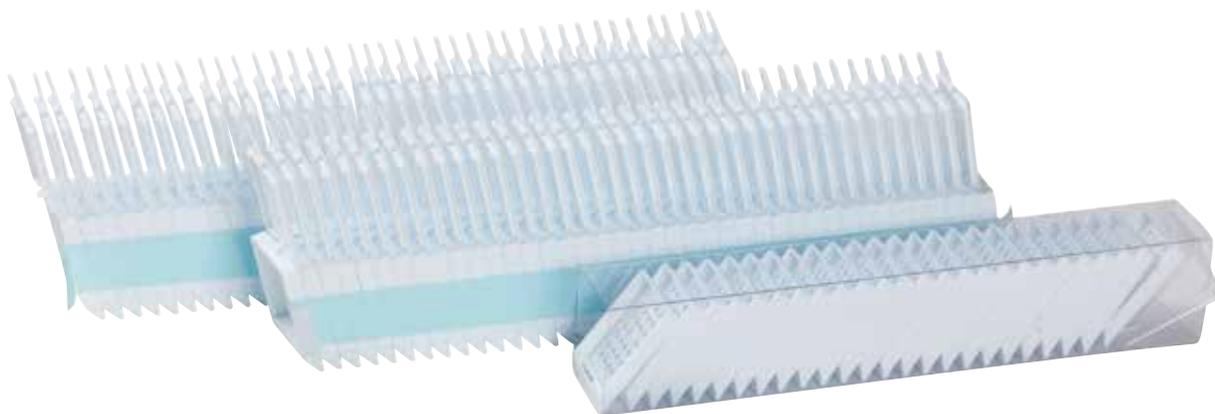
Taped Biopsy and Histology Cassettes

Taped Cassettes are easy to load on the Leica IPC Cassette Printer and Sakura Tissue-Tek® AutoWrite® Cassette Printer. Anterior writing area is at a 45° angle.

Cat. No.	Description	Qty.
Taped Biopsy Cassettes		
CH8087BB	Blue	40/sl, 1,000/cs
CH8172BG	Gray	40/sl, 1,000/cs
CH8174BG	Green	40/sl, 1,000/cs
CH8045BR	Pink	40/sl, 1,000/cs
CH8090BO	Orange	40/sl, 1,000/cs
CH8086BW	White	40/sl, 1,000/cs
CH8088BY	Yellow	40/sl, 1,000/cs
Taped Histology Cassettes		
CH8119UA	Aqua	40/sl, 1,000/cs
CH8118UB	Blue	40/sl, 1,000/cs
CH8156UG	Gold	40/sl, 1,000/cs
CH8180UGY	Gray	40/sl, 1,000/cs
CH8120UG	Green	40/sl, 1,000/cs
CH8153UL	Lilac	40/sl, 1,000/cs
CH8155UO	Orange	40/sl, 1,000/cs
CH8154UP	Pink	40/sl, 1,000/cs
CH8170UT	Tan	40/sl, 1,000/cs
CH8117UW	White	40/sl, 1,000/cs
CH8157UY	Yellow	40/sl, 1,000/cs

Tubed Embedding Cassettes

The efficient flow-through slots maximize fluid exchange and ensure proper reagent drainage.

Cat. No.	Description	Qty.
CH480-6SLB	Blue without lids	75/sl, 10 sl/cs
CH480-4SLG	Green without lids	75/sl, 10 sl/cs
CH480-3SLP	Pink without lids	75/sl, 10 sl/cs
CH480-2SLW	White without lids	75/sl, 10 sl/cs
CH480-5SLY	Yellow without lids	75/sl, 10 sl/cs

Tubed Processing Cassette

Cassette lid can be opened and closed as often as necessary and always relocks securely without danger of specimen loss. Anterior writing area is at a 45° angle.

Cat. No.	Description	Qty.
CH51712SLA	Aqua	75/sl, 10 sl/cs
CH5176SLB	Blue	75/sl, 10 sl/cs
CH5179SLGY	Gray	75/sl, 10 sl/cs
CH5174SLG	Green	75/sl, 10 sl/cs
CH51710SLL	Lilac	75/sl, 10 sl/cs
CH51711SLO	Orange	75/sl, 10 sl/cs
CH5177SLPE	Peach	75/sl, 10 sl/cs
CH5173SLP	Pink	75/sl, 10 sl/cs
CH5178SLT	Tan	75/sl, 10 sl/cs
CH5172SLW	White	75/sl, 10 sl/cs
CH5175SLY	Yellow	75/sl, 10 sl/cs

Tissue Flotation Waterbaths

Deluxe Lighted Tissue Flotation Bath

This deluxe lighted tissue flotation bath helps eliminate wrinkles and distortion during preparation of embedded tissue sections. L.E.D. illuminated black background with transparent PYREX® dish (supplied with bath) allows specimen to be easily seen. Digital microprocessor control with advanced safety over temperature protection. Slide dryer block assists in drying slides and tissue orienter block smooths wrinkled sections. Certified to UL61010-1 and CSA C22.2 standards. Two-year warranty on parts and workmanship.

Specifications:

Dimensions (L x W x H) . . . . .14¼ x 14¼ x 4½ in. (36.2 x 36.2 x 11.4cm)
Dryer block .2 x 5 in. (5.1 x 12.7cm)
Orienter block . . . . .2 x 2 in. (5.1 x 5.1cm)
Temperature accuracy. . . . .±1°C
Temperature uniformity . . . . .at 55°C ±1°C
Dryer block temperature . . . . . . .40°C ±3°C
Orienter block temperature . . . .55°C ±3°C
Approvals certified . . . . .to UL 61010-1 and CSA-C22.2
Electrical. . . . . .115 VAC, 50/60Hz, 272W

PYREX® is a registered trademark of Corning Inc.

Cat. No.	Description	Qty.
M7654-5A	Deluxe lighted tissue flotation bath	1/ea

Lighted Tissue Flotation Bath

This lighted tissue flotation bath helps eliminate wrinkles and distortion during preparation of embedded tissue sections. L.E.D. illuminated black background with transparent PYREX® dish (supplied with bath) allows specimen to be easily seen. Digital microprocessor control with advanced safety over temperature protection. Certified to UL61010-1 and CSA C22.2 standards. Two-year warranty on parts and workmanship.

Specifications:

Dimensions (L x W x H) . . . . 14¼ x 14¼ x 4½ in. (36.2 x 36.2 x 11.4cm)
Temperature accuracy. . . . . ±1°C
Temperature uniformity . . . . . . at 55°C ±1°C
Approvals certified . . . . to UL 61010-1 and CSA-C22.2
Electrical. . . . . 115 VAC, 50/60Hz, 272W

PYREX® is a registered trademark of Corning Inc.

Cat. No.	Description	Qty.
M7654-1A	Lighted tissue flotation bath, 115 VAC	1/ea

Standard Tissue Bath

This standard tissue bath features rapid heat up and is supplied with a bath cover and thermometer holder. The edge serves as a drying surface for slides. Equipped with on/off switch, pilot light, thermostat and non-skid rubber feet. Surface is black porcelain enamel-coated steel.

Specifications:

Dimensions (W x H) . . . . .11 x 3¾ in. (27.9 x 9.2cm)
Rim (width) . . . . .1¼ in. (3.2cm)
Capacity . . . . .1L (1 in. from top)
Temperature range. . . . . .35°C to 65°C
Electrical. . . . . .115 VAC, 50/60Hz, 190W

Cat. No.	Description	Qty.
M7655A	Standard tissue flotation bath	1/ea

Disposable Nonsterile Apparel

Lab Coats and Jackets

Disposable Knee-Length Lab Coats

These lab coats feature snap fronts, three pockets and knit collars. They are not made with natural rubber latex and made from soft, breathable three-layer SMS fabric.

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
Ceil blue with no latex collar			**Raspberry**		
C3660CBXS	X-small	10/pk, 10 pk/cs	C3660RBXS	X-small	10/pk, 10 pk/cs
C3660CBS	Small	10/pk, 10 pk/cs	C3660RBS	Small	10/pk, 10 pk/cs
C3660CBM	Medium	10/pk, 10 pk/cs	C3660RBM	Medium	10/pk, 10 pk/cs
C3660CBL	Large	10/pk, 10 pk/cs	C3660RBL	Large	10/pk, 10 pk/cs
C3660CBXL	X-large	10/pk, 10 pk/cs	C3660RBXL	X-large	10/pk, 10 pk/cs
C3660CB2XL	2X-large	10/pk, 10 pk/cs	C3660RB2XL	2X-large	10/pk, 10 pk/cs
C3660CB3XL	3X-large	10/pk, 10 pk/cs	C3660RB3XL	3X-large	10/pk, 10 pk/cs
C3660CB4XL	4X-large	10/pk, 10 pk/cs	**Teal**		
Medical blue			C3660TEXS	X-small	10/pk, 10 pk/cs
C3660MBXS	X-small	10/pk, 5 pk/cs	C3660TES	Small	10/pk, 10 pk/cs
C3660MBS	Small	10/pk, 5 pk/cs	C3660TEM	Medium	10/pk, 10 pk/cs
C3660MBM	Medium	10/pk, 5 pk/cs	C3660TEL	Large	10/pk, 10 pk/cs
C3660MBL	Large	10/pk, 5 pk/cs	C3660TEXL	X-large	10/pk, 10 pk/cs
C3660MBXL	X-large	10/pk, 5 pk/cs	C3660TE2XL	2X-large	10/pk, 10 pk/cs
C3660MB2XL	2X-large	10/pk, 5 pk/cs	C3660TE3XL	3X-large	10/pk, 10 pk/cs
C3660MB3XL	3X-large	10/pk, 5 pk/cs	**White with knit collar**		
Sky blue			C3660WHXSK	X-small	10/pk, 10 pk/cs
C3660SBXS	X-small	10/pk, 10 pk/cs	C3660WHSK	Small	10/pk, 10 pk/cs
C3660SBS	Small	10/pk, 10 pk/cs	C3660WHMK	Medium	10/pk, 10 pk/cs
C3660SBM	Medium	10/pk, 10 pk/cs	C3660WHLK	Large	10/pk, 10 pk/cs
C3660SBL	Large	10/pk, 10 pk/cs	C3660WHXLK	X-large	10/pk, 10 pk/cs
C3660SBXL	X-large	10/pk, 10 pk/cs	C3660W2XLK	2X-large	10/pk, 10 pk/cs
C3660SB2XL	2X-large	10/pk, 10 pk/cs	C3660W3XLK	3X-large	10/pk, 10 pk/cs
C3660SB3XL	3X-large	10/pk, 10 pk/cs	C3660W4XLK	4X-large	10/pk, 10 pk/cs
Purple			**White with traditional collar**		
C3660PPXS	X-small	10/pk, 10 pk/cs	C3660WHXST	X-small	10/pk, 5 pk/cs
C3660PPS	Small	10/pk, 10 pk/cs	C3660WHST	Small	10/pk, 5 pk/cs
C3660PPM	Medium	10/pk, 10 pk/cs	C3660WHMT	Medium	10/pk, 5 pk/cs
C3660PPL	Large	10/pk, 10 pk/cs	C3660WHLT	Large	10/pk, 5 pk/cs
C3660PPXL	X-large	10/pk, 10 pk/cs	C3660WHXLT	X-large	10/pk, 5 pk/cs
C3660PP2XL	2X-large	10/pk, 10 pk/cs	C3660WH2XL	2X-large	10/pk, 5 pk/cs
C3660PP3XL	3X-large	10/pk, 10 pk/cs	C3660WH3XL	3X-large	10/pk, 5 pk/cs

Disposable Hip-Length Lab Jackets

These disposable lab jackets feature snap fronts, three pockets and knit collars. They are not made with natural rubber latex and made from soft, breathable three-layer SMS fabric.

Cat. No.	Description	Qty.
Ceil blue		
C3630CBXS	X-small	10/pk, 10 pk/cs
C3630CBS	Small	10/pk, 10 pk/cs
C3630CBM	Medium	10/pk, 10 pk/cs
C3630CBL	Large	10/pk, 10 pk/cs
C3630CBXL	X-large	10/pk, 10 pk/cs
C3630CB2XL	2X-large	10/pk, 10 pk/cs
C3630CB3XL	3X-large	10/pk, 10 pk/cs
Medical blue		
C3630MBXS	X-small	10/pk, 10 pk/cs
C3630MBS	Small	10/pk, 10 pk/cs
C3630MBM	Medium	10/pk, 10 pk/cs
C3630MBL	Large	10/pk, 10 pk/cs
C3630MBXL	X-large	10/pk, 10 pk/cs
C3630MB2XL	2X-large	10/pk, 10 pk/cs
C3630MB3XL	3X-large	10/pk, 10 pk/cs
Purple		
C3630PPXS	X-small	10/pk, 10 pk/cs
C3630PPS	Small	10/pk, 10 pk/cs
C3630PPM	Medium	10/pk, 10 pk/cs
C3630PPL	Large	10/pk, 10 pk/cs
C3630PPXL	X-large	10/pk, 10 pk/cs
C3630PP2XL	2X-large	10/pk, 10 pk/cs
C3630PP3XL	3X-large	10/pk, 10 pk/cs
Raspberry		
C3630RBXS	X-small	10/pk, 10 pk/cs
C3630RBS	Small	10/pk, 10 pk/cs
C3630RBM	Medium	10/pk, 10 pk/cs
C3630RBL	Large	10/pk, 10 pk/cs
C3630RBXL	X-large	10/pk, 10 pk/cs
C3630RB2XL	2X-large	10/pk, 10 pk/cs
C3630RB3XL	3X-large	10/pk, 10 pk/cs

Cat. No.	Description	Qty.
Sky blue		
C3630SBXS	X-small	10/pk, 10 pk/cs
C3630SBS	Small	10/pk, 10 pk/cs
C3630SBM	Medium	10/pk, 10 pk/cs
C3630SBL	Large	10/pk, 10 pk/cs
C3630SBXL	X-large	10/pk, 10 pk/cs
C3630SB2XL	2X-large	10/pk, 10 pk/cs
C3630SB3XL	3X-large	10/pk, 10 pk/cs
Teal		
C3630TEXS	X-small	10/pk, 10 pk/cs
C3630TES	Small	10/pk, 10 pk/cs
C3630TEM	Medium	10/pk, 10 pk/cs
C3630TEL	Large	10/pk, 10 pk/cs
C3630TEXL	X-large	10/pk, 10 pk/cs
C3630TE2XL	2X-large	10/pk, 10 pk/cs
C3630TE3XL	3X-large	10/pk, 10 pk/cs
White		
C3630WHXS	X-small	10/pk, 10 pk/cs
C3630WHS	Small	10/pk, 10 pk/cs
C3630WHM	Medium	10/pk, 10 pk/cs
C3630WHL	Large	10/pk, 10 pk/cs
C3630WHXL	X-large	10/pk, 10 pk/cs
C3630WH2XL	2X-large	10/pk, 10 pk/cs
C3630WH3XL	3X-large	10/pk, 10 pk/cs

Dry Baths

Digital Dry Baths and Blocks

Digital Dry Baths

This series of digital dry baths offer control over both temperature and time, eliminating the need for an external thermometer or timer. Available in three configurations, these digital dry baths offer capacity up to four blocks. Extremely space efficient—the four-block model can accommodate up to 96 x 1.5mL tubes in less than a square foot of bench space.

The aluminum block cavities are precision machined to match the conical shape of 0.5, 1.5, 2.0, 15 and 50mL tubes, providing unsurpassed temperature uniformity. Assorted blocks are available for compatibility with nearly all common tube sizes.

Built-in user recalibration function guarantees long-term temperature accuracy. Each dry bath includes an easy-to-use block lifter with a temperature insulated handle for quick, convenient exchange of blocks… even while they're still hot.

Specifications:

Temperature range. . . . . Ambient +5 to 150°C - single, double block
Ambient +5 to 130°C - four block

Temperature resolution . . . . 0.1°C

Temperature accuracy. . . . . ±0.2°C

Temperature increments . . . . 0.1°C

Temperature uniformity . . . . ±0.2°C

Timer . . . . 1 to 999 minutes

Dimensions (W x D x H) . . . . **Single block -** 7.8 x 9 x 3.2 in. (20 x 23 x 8cm), **double block -** 8.7 x 10.3 x 3.2 in. (22 x 2 x 8cm)
Four block - 8.7 x 14 x 3.2 in. (22 x 35.5 x 8cm)

Chamber . . . . Fast heating aluminum

Electrical. . . . . 115V or 230V, 50-60Hz

Cat. No.	Description	Qty.
Digital dry baths		
CH1001	Single block	1/ea
CH1002	Double block	1/ea
CH1004	Four block	1/ea
Blocks		
CHBSW01-DR	Custom drilling for CHBSW01 – 36 holes maximum	1/ea
CHBSW02	48 x 0.2mL tubes or 6 PCR tube strips	1/ea
CHBSW05	24 x 0.5mL	1/ea
CHBSW15	12 x 15mL (block height is 3.25 in)	1/ea
CHBSW1500	24 x 1.5mL	1/ea
CHBSW1520	24 x 1.5/2.0mL	1/ea
CHBSW1516	12 x 15mm-16mm (or 12 x 10mL)	1/ea
CHBSW10	20 x 10mm (or 20 x 2.0mL)	1/ea
CHBSW13	20 x 13mm (or 20 x 5/7mL)	1/ea
CHBSW5MT	12 x 5.0mL	1/ea
CHBSW50	5 x 50mL (block height is 3.25 in)	1/ea
CHBSWPCR1	1 x 96-well PCR Plate (for 1 block model)	1/ea
CHBSWPCR2	1 x 96-well PCR Plate (for 2 & 4 block models)	1/ea
CHBSWMT	1 x Micro titer plate (for 2 and 4 block models)	1/ea
CHBSW01	Solid – for slides or custom machining	1/ea

Digital Dry Baths with Removable Hinged Lid

This next generation of digital dry baths offers advanced microprocessor controls and timed or continuous operation. They also feature a transparent, removable, hinged lid that helps promote better uniformity and less temperature stratification in the block by maintaining a warm air layer. The hinged lid also helps to reduce energy consumption by minimizing heat loss to the environment. It can be flipped open (to the rear) or easily removed (lifted off) to accommodate taller tubes. Both single and dual block models can be ordered in a configuration that includes the unique combination blocks (CHBSWCMB). These universal blocks accept tubes from 0.5 to 2.0mL and, with a quick flip to the other side, accommodate 0.2mL tubes, PCR strips or (in the dual block model only) a PCR plate. Other blocks are available for tubes up to 50mL.

Specifications:

Temperature range. . . . . .Ambient +5 to 105°C
Temperature accuracy. . . . .±0.1°C
Temperature uniformity . . . .±0.2°C
Temperature increments . . . . .0.1°C
Timer . . . . .1 minute to 99 hours and 59 minutes
Dimensions (W x D x H) . . . .**Single chamber -** 7 x 10 x 5 in. (18 x 25 x 13cm), **dual chamber -** 6.3 x 14 x 5 in. (16 x 36.5 x 13cm)
Weight . . . . .10 lbs. (4.5kg)
Electrical. . . . . .115V or 230V, 50-60Hz

Cat. No.	Description	Qty.
Digital dry baths		
CHH5001	Single chamber without block	1/ea
CHH5002	Dual chamber without blocks	1/ea
CHH50011B	Single chamber with one block (CHBSWCMB) for tubes 0.2 to 2.0mL and PCR strips	1/ea
CHH50022B	Dual chamber with two blocks (CHBSWCMB) for tubes 0.2 to 2.0mL and PCR strips and PCR plate	1/ea
CHH6000	Dual chamber with independent controls	1/ea
Blocks		
CHBSWCMB	Combination block **Side one holds -** 24 x 1.5mL/2.0mL and 14 x 0.5 mL **Side two holds -** 6 x PCR strips, 48 x 0.2mL or one PCR plate*	1/ea
CHBSW1500	24 x 1.5mL	1/ea
CHBSW1520	24 x 1.5/2.0mL	1/ea
CHBSW05	24 x 0.5mL	1/ea
CHBSW10	20 x 10mm (or 20 x 2.0mL)**	1/ea
CHBSW13	20 x 13mm (or 20 x 5/7mL)**	1/ea
CHBSW1516	12 x 15mm-16mm (or 12 x 10mL)	1/ea
CHBSW02	48 x 0.2mL tubes or 6 PCR tube strips	1/ea
CHBSW15	12 x 15mL**	1/ea
CHBSW50	5 x 50mL**	1/ea
CHBSWPCR1	1 x 96-well PCR Plate	1/ea
CHBSWPCR2	1 x 96-well PCR Plate (for dual chamber models)	1/ea
CHBSWMT	1 x Micro titer plate (for dual chamber models)	1/ea
CHBSW01	Solid – for slides or custom machining	1/ea

Two blocks required for use with PCR plates

**Tall block (3.25 in), height prevents use with lid*

Balances and Accessories

General Supplies

Applicators/Tongue Depressors

*Sterile Cotton-Tip Applicators

These sterile cotton-tip applicators are available with a plastic or wood shaft. Applicator C15053-600 is bulk packed.

*Not made with natural rubber latex.

Cat. No.	Description	Qty.
With plastic shaft		
C15050-003	3 in.	200/bx, 2,000/cs
C15050-016	6 in.	100/bx, 1,000/cs
C15050-006	6 in.	200/bx, 2,000/cs
With wood shaft		
C15053-003	3 in.	200/bx, 2,000/cs
A5000-2	6 in.	100/bx, 1,000/cs
C15053-006	6 in.	200/bx, 2,000/cs
C15053-600	6 in., bulk packed	2,000/cs

*Nonsterile Cotton-Tip Applicators

These nonsterile applicators have a cotton tip and wood shaft.

*Not made with natural rubber latex.

Cat. No.	Description	Qty.
C15055-003	3 in.	1,000/bx, 10,000/cs
C15055-006	6 in.	1,000/bx, 10,000/cs
C15055-600	6 in., bulk packed	10,000/cs

Nonsterile General-Purpose Applicators

This plain applicator stick is constructed of smoothly polished, long-grain birchwood. 6 in. long (15.2cm). Uniformly finished and dust-free. Ideal for use as a stir rod or smear stick.

Cat. No.	Description	Qty.
A5000-1	General-purpose applicator	1,000/bx, 20 bx/cs

Polyester-Tipped Applicators

This single-use applicator has a polyester tip and 6 in. long plastic stem. Sterile, individually-packaged.

Cat. No.	Description	Qty.
A5005-1	Polyester-tipped applicator	100/bx, 10 bx/cs

Tongue Depressors

These uniformly-sized, quality hardwood tongue depressors have smooth, clean edges. They are made from close-grained northern white birch, resulting in a smooth finish. The depressors have no taste or odor and they maintain a high tensile strength. In addition to oral use, sterile tongue depressors are ideal for spreading ointments and salves and stirring and mixing medications.

Cat. No.	Description	Qty.
C15060-002	Individually-wrapped, sterile, infant, 4½ in. length	100/bx, 10 bx/cs
C15063-002	Nonsterile, infant, 4½ in. length	1000/bx, 10 bx/cs
C1560-004	Individually-wrapped, sterile, infant, 5½ in. length	100/bx, 10 bx/cs
C15063-004	Nonsterile, junior, 5½ in. length	500/bx, 10 bx/cs
C1565-004	Individually-wrapped, nonsterile, junior, 5½ in. length	500/bx, 10 bx/cs
C1560-006	Individually-wrapped, sterile, regular, 6 in. length	100/bx, 10 bx/cs
C15063-006	Nonsterile, standard, 6 in. length	500/bx, 10 bx/cs
C1565-006	Individually-wrapped, nonsterile, standard, 6 in. length	500/bx, 10 bx/cs

Timing is everything …

call today for **prompt shipments** of your laboratory supplies.

Clean-Wipes™ Cloth Wipes

Scratch-resistant cellulose and polyester make these cloth wipes ideal for cleaning electronics, computer screens, instruments, probes, glassware syringes, pipettes and cameras. They are designed for all applications in environmentally sensitive areas. The wipes are constructed of cellulose and polyester, so they will not scratch surfaces. Low linting and nonwoven. They will not fall apart like paper towels. They are available premoistened with either 100% pure, reagent-grade deionized water or 70% reagent-grade isopropyl alcohol and 30% reagent-grade deionized water or dry with no solution to permit using any liquid by simply adding 8 fl. oz. to the wipe canister. Wipes are individually dispensed for instant use. The reclosable container assures a clean wipe every time. Each polyethylene canister contains 100 wipes.

Clean-Wipes™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C6372-12	Deionized water premoistened wipes	100/ea
C6372-13	Dry wipes	100/ea
C6372-14	Isopropyl alcohol/deionized water premoistened wipes	100/ea

Cotton Cheesecloth Wipes

Cheesecloth wipes are 100% pure cotton and scratch-resistant. They won't abrade surfaces or fall apart like paper towels. Absorb six times their weight in solvents and aqueous solutions. Applications include wiping pipettes, pH electrodes and conductivity sensors. They can clean any optical-grade surface and because they are inert to even harsh solvents, they are ideal as a filtering material. Wipe C6372-10 is an 8-ply, 9 in. square pad that unfolds to an 18 x 36 in. size. It is individually dispensed and supplied in a box of 60. Wipe C6511-50A is a 100 yd. bolt that is 36 in. wide and comes bulk packed.

Cat. No.	Description	Qty.
C6372-10	Dispenser pack of 60 individual wipes	60/pk
C6511-50A	Bulk-packed bolt of wipes	1/ea

Optic-Wipes™ Cloth Wipes

These wipes are designed for cleaning goggles, lenses, eyeglasses, gauge windows, plastic glasses, fume hood windows, optical parts, microscopes and magnifiers. It cleans smudges, dirt, dust and the static that attracts them. It works equally well with glass and all plastics and will easily remove oil, grease and lint. Constructed of cellulose and polyester, it is designed not to scratch surfaces or fall apart. A reclosable container assures a clean wipe every time and eliminates contamination from dust or dirt. A microfiber cloth to polish lenses is also included.

Optic-Wipes™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C6372-11	Cloth wipes	1/ea

Traceable® Digital Radio Atomic Wall Clock

This digital wall clock displays a.m./p.m. or 24-hour time. It also displays month, date, day of the week and ambient temperature in °F and °C. It is visible from 20 ft. away and has 2½ in.-high digits. It adjusts to daylight saving time; a radio signal from N.I.S.T. in Colorado automatically adjusts the clock to precise time, daylight saving time, leap year and leap seconds (earth rotation wobble corrections). It comes with wall mount, screw and two AA batteries. A certificate is provided to indicate instrument traceability to standards provided by N.I.S.T. Calibrated by an ISO/IEC 17025 calibration laboratory accredited by A2LA.

Cat. No.	Description	Qty.
C6511-8	Traceable® digital radio atomic wall clock	1/ea

Traceable® Radio-Controlled Atomic Clock

This atomic clock is ideal for recording the receiving of samples, noting the exact time an event occurred, providing supporting documentation for procedures, serving as a standard for a location's other clocks and maintaining ISO 9000 certification. It receives a direct signal from the N.I.S.T. atomic clock (accurate to one hundred billionth of a second) in Boulder, Colorado and automatically adjusts for a.m./p.m., 24-hour time, day/date, daylight saving time, leap year and leap seconds. It also displays the temperature and operates on one AA battery (included). Clock is backlit to permit viewing in total darkness and its alarm increases in volume until turned off. LCD digits are ½ in.-high. To assure accuracy, an individually serial-numbered Traceable® certificate is provided from an ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to N.I.S.T. standards.

Cat. No.	Description	Qty.
C6511-17	Traceable® radio-controlled atomic clock	1/ea

Traceable® is a registered trademark of Control Company.

General Supplies

General Supplies

Clocks/Controllers/Counters

Traceable® Clock/Thermometer/Calendar

This combination clock/thermometer/calendar integrates a clock function, room temperature monitor and perpetual calendar all in one. Featuring easy-to-read 2⅛ in. LCD digits, the unit displays time in 12-hour a.m./p.m. or 24-hour military time. It reports temperature in Celsius or Fahrenheit and shows the month, date and day of the week. Accuracy is 0.01%. Includes two AA batteries and wall mount. To assure accuracy, an individually serial-numbered Traceable® certificate is provided from an ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Dimensions: 9¼ x 10 x 1 in. Weight: 19 oz.

Cat. No.	Description	Qty.
C6511-5A	Traceable® clock/thermometer/calendar	1/ea

Traceable® Wall Clock

Tell time up to the second with this 12 in.-diameter wall clock. The serial-numbered clock is individually-calibrated against N.I.S.T. traceable equipment and an ISO/IEC 17025 individual Traceable® certificate is provided.

Cat. No.	Description	Qty.
C6511-4	Traceable® wall clock	1/ea

Traceable® Wall Clock/Thermometer/Humidity

This ultra-modern, state-of-the-art wall clock shows crisp, readable dials with a low-profile case. Easily view the time, temperature and humidity from 20 ft. away. The triple display shows precise quartz-crystal timing with 0.01% accuracy, temperatures from -34°F to 116°F and -37°C to 47°C with ±1.5°C accuracy and relative humidity from 8 to 92% with ±5% accuracy.

A bright orange sweeping second hand provides visibility. To ensure accuracy, an individually-serial-numbered Traceable® certificate is provided from a ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability, for time only, to standards provided by N.I.S.T. A low-profile, slim design, ABS plastic, impact-resistant case measures 12½ x 11 x 1 in. and weighs 1⅝ lbs. Clock dial diameter measures 9 in. and temperature and humidity dial diameters measure 3 in. AA battery, wall-mount and screw are included.

Cat. No.	Description	Qty.
C6511-7	Traceable® clock/thermometer/humidity	1/ea

Traceable® Single-Outlet Controller

This Traceable® outlet controller can be set with up to 196 on/off switchings per week and up to 14 different switchings per day with an accuracy of 0.01%. Intervals can be set for 1 minute to 168 hours. You can turn an instrument on one day and off a week later. The repeat mode allows you to program the same cycle each day for 365 days, scheduling a weekly program cycle for 52 weeks, jumping weekends or skipping any selected days. Controller also has a countdown feature that turns any piece of equipment on or off at the end of a set time period. It is programmable in 1 minute intervals from 23 hours, 59 minutes, 59 seconds to 1 minute.

A manual override permits equipment to be switched on and off without disturbing the program. A memory chip and display are powered by NiCad battery for program backup in the event of a power failure. LCD shows time-of-day, a.m./p.m. and day of the week and a red LED shows on/off status of the attached equipment.

An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions: 2 x 4 x 3 in. Wt. 6 oz. Operates on 125VAC, 50/60 Hz, 15A, 1500W. UL approved.

Cat. No.	Description	Qty.
C6511-3	Traceable® single-outlet controller	1/ea

Hand Tally Counter

This four-digit hand tally counter records to 9,999. White numerals are on a black background behind a protective glass window. Features include heavy-duty, chrome-finish case with hinged finger loop and reset button for return to zero. Thumb pressure on the button produces an audible click. 1¾ dia. x 1⅛ in. W. Net wt. 3 oz.

Cat. No.	Description	Qty.
B4117-1	Hand tally counter	1/ea

General Supplies

Qualitative Cellulose Filter Papers

Qualitative cellulose filter papers perform separation by entrapping particulate within the random matrix of cellulose fibers within the depth of the media. This media is widely used in methods requiring the determination and identification of particulate in both liquids and gas. Also, this natural fiber filter paper is commonly used to clarify liquid samples.

Qualitative grade applications and descriptions:

CFP1 grade

Very widely used filter media demonstrating retention of approximately 11 μm and medium flow rate. Used in a broad range of laboratory and environmental applications, this media is ideally suited in separating lead sulfate, calcium carbonate and calcium oxalate precipitates. This media is the standard for agricultural procedures such as soil and seed sample testing. Also, it is commonly used as a separation media in the food and beverage industry to extract liquids from solid samples.

Due to the consistent bright white color of this media, it is ideal for photometric stain intensity measurement of air samples. The media can also be impregnated with reagents for use in quantifying optical reflectance in gas detection procedures.

CFP2 grade

A more retentive and absorbent media than CFP1, with approximately 8 μm and a medium to slow flow rate. This media is ideal for general filtration and absorbent conveyance. Commonly used in plant growth trials and monitoring pre-isolated contaminants in air and gas.

CFP4 grade

The fastest flow rate demonstrated by any of the qualitative cellulose filter medias resulting in a low retention rate of approximately 25 μm. Very commonly used as the first media in a multi-stage filtration process. Ideally suited for use in organic extractions and biological fluid separation processes. Often specified in air monitoring applications where the entrapment of fine particulate is not required.

CFP5 grade

Filtration of very fine particulate and clarification with applications in environmental sciences and chemical analysis.

CFP200 grade

Pure cotton 1-5 micron retention, slow flow, smooth surface.

CFP201 grade

Pure cotton 7-14 micron, medium flow, smooth surface.

CFP202 grade

Cotton with strengthening agent, 15-19 micron retention, medium-fast flow, crepe surface.

CFP226 grade

Cotton with strengthening agent, 20-25 micron retention, fast flow, crepe surface.

CFP230 grade

Cotton with strengthening agent, 30 micron retention, very fast flow, crepe surface.

CFP802 grade

Cotton with strengthening agent, 15 micron retention, fast flow, crepe surface, fluted folds.

Use the terms below to help you select the type of filter paper that will best meet your needs.

Terms

- **Furnish:** The raw materials used in the manufacture of the wet laid product.
- **Ash content:** Dry method, determined in exposure at 900°C air in muffle furnace.
- **Retention:** Nominal retention of particulate at 98% efficiency in liquid.
- **Flow:** Liquid flow rate speed relative to other comparable products listed in this product alignment.
- **Basis weight:** Nominal weight of material per meter2 indicated "gram weight" unit of measure at 8% moisture.
- **Thickness:** As measured under 4 PSI using TAPPI method T411.
- **Flat/fluted:** Flat stock is supplied as sheets, rolls or die cut parts. Fluted is ¼ or ½ quadrant funnel folding.
- **Surface:** Stated as relative to comparable products listed in this product alignment.
- **Brightness:** Stated as relative to comparable products listed in this product alignment.

Cat. No.	Description	Furnish	Ash Content (%)	Retention	Flow	Basis Weight (g/m2)	Thickness (mm)	Flat/ Fluted	Surface	Brightness
Qualitative filter papers										
CFP1 grade										
CHFP1159	4.25cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1160	5.5cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1161	7cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1162	9cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1163	11cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1164	12.5cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1165	15cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1166	18.5cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1168	24cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1169	27cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white
CHFP1170	32cm 11 micron	Cotton	0.05	11 μm	Medium	86	0.2	Flat	Smooth	Bright white

General Supplies

Filter Papers - Qualitative

Cat. No.	Description	Furnish	Ash Content (%)	Retention	Flow	Basis Weight (g/m2)	Thickness (mm)	Flat/ Fluted	Surface	Brightness
Qualitative filter papers										
CFP2 grade										
CHFP1171	4.25cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CHFP1172	5.5cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CHFP1173	7cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CHFP1175	11cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CHFP1177	15cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CHFP1180	32cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CHFP1099	Pleated 32cm 8 micron	Cotton	0.05	8 μm	Medium-Slow	101	0.17	Flat	Smooth	Bright white
CFP4 grade										
CHFP1184	9cm 25 micron	Cotton	0.05	25 μm	Fast	94	0.21	Flat	Smooth	Bright white
CHFP1185	11cm 25 micron	Cotton	0.05	25 μm	Fast	94	0.21	Flat	Smooth	Bright white
CHFP1186	12.5cm 25 micron	Cotton	0.05	25 μm	Fast	94	0.21	Flat	Smooth	Bright white
CHFP1004	24cm 25 micron	Cotton	0.05	25 μm	Fast	94	0.21	Flat	Smooth	Bright white
CHFP1005	27cm 25 micron	Cotton	0.05	25 μm	Fast	94	0.21	Flat	Smooth	Bright white
CHFP1006	32cm 25 micron	Cotton	0.05	25 μm	Fast	94	0.21	Flat	Smooth	Bright white
CFP5 grade										
CHFP1067	7cm 2.5 micron	Cotton	0.05	2.5 μm	Slow	97	0.195	Flat	Smooth	Bright white
CHFP1068	11cm 2.5 micron	Cotton	0.05	2.5 μm	Slow	97	0.195	Flat	Smooth	Bright white
CFP200 grade										
CHFP1086	9cm 1-5 micron	Cotton	0.1	1-5 μm	Slow	95	0.17	Flat	Smooth	White-High
CFP201 grade										
CHFP1088	9cm 7-14 micron	Cotton	0.1	7-14 μm	Medium-Slow	70	0.16	Flat	Smooth	White-High
CHFP1070	11cm 7-14 micron	Cotton	0.1	7-14 μm	Medium-Slow	70	0.16	Flat	Smooth	White-High
CHFP1073	12.5cm 7-14 micron	Cotton	0.1	7-14 μm	Medium-Slow	70	0.16	Flat	Smooth	White-High
CHFP1077	15cm 7-14 micron	Cotton	0.1	7-14 μm	Medium-Slow	70	0.16	Flat	Smooth	White-High
CHFP1081	24cm 7-14 micron	Cotton	0.1	7-14 μm	Medium-Slow	70	0.16	Flat	Smooth	White-High
CHFP1084	33cm 7-14 micron	Cotton	0.1	7-14 μm	Medium-Slow	70	0.16	Flat	Smooth	White-High
CFP202 grade										
CHFP1089	9cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CHFP1071	11cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CHFP1074	12.5cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CHFP1078	15cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CHFP1080	18.5cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CHFP1092	25cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CHFP1093	33cm 15-19 micron	Cotton/Binder	N/A	15-19 μm	Medium Fast	90	0.3	Flat	Crepe	White-Low
CFP226 grade										
CHFP1094	33cm 20-25 micron	Cotton/Binder	N/A	20-25 μm	Fast	70	0.24	Flat	Crepe	Gray-Low
CFP230 grade										
CHFP1090	9cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CHFP1072	11cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CHFP1075	12.5cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CHFP1079	15cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CHFP1082	24cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CHFP1083	25cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CHFP1085	33cm 30 micron	Cotton/Binder	N/A	30 μm	Very Fast	120	0.44	Flat	Crepe	Gray-Low
CFP802 grade										
CHFP1091	Pleated 12.5cm 15 micron	Cotton/Binder	N/A	15 μm	Fast	70	0.22	Fluted	Crepe	Gray-Low
CHFP1095	Pleated 18.5cm 15 micron	Cotton/Binder	N/A	15 μm	Fast	70	0.22	Fluted	Crepe	Gray-Low
CHFP1096	Pleated 24cm 15 micron	Cotton/Binder	N/A	15 μm	Fast	70	0.22	Fluted	Crepe	Gray-Low
CHFP1098	Pleated 32cm 15 micron	Cotton/Binder	N/A	15 μm	Fast	70	0.22	Fluted	Crepe	Gray-Low

Quantitative Cellulose Filter Papers

Quantitative cellulose filter papers are primarily used in gravimetric analysis procedures and perform separations by entrapping particulate within the random matrix of cellulose fibers within the depth of the media. This media family is also widely used in methods to prepare samples for further testing using many types of instrumentation.

These high-quality filter papers are manufactured from refined pulp and alpha linters. They are acid washed and have an extremely low ash content.

Quantitative grade applications and descriptions:

CFP40 grade

Demonstrating medium retention and flow rates, this media is widely used in many general quantitative procedures in both liquid and gas. These procedures include: standard environmental test procedures such as soil sample analysis and the collection of trace elements and radionuclides in air samples. Also used in liquid food tests for determination of sediments, primary analysis of cements and slurries and sample preparation prior to spectrophotometry.

CFP41 grade

Fast flow rates and loose retention characteristics make this grade ideal for initial separation of gelatinous precipitates.

CFP42 grade

This media demonstrates an extremely high retention rate for a cellulose filter media. Its uniquely high retention rate makes it ideal for any gravimetric analysis of very fine precipitates.

CFP44 grade

Very similar to CFP42 but demonstrating a slightly wider retention rate within a similar flow rate. Typically used in the analysis of samples requiring separation of very fine precipitates.

CFP540 grade

Pure cotton, ashless, 7-8micron, medium flow, hardened surface.

Use the terms below to help you select the type of filter paper that will best meet your needs.

Terms

- **Furnish:** The raw materials used in the manufacture of the wet laid product.
- **Ash content:** Dry method, determined in exposure at 900°C air in muffle furnace.
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- **Flow:** Liquid flow rate speed relative to other comparable products listed in this product alignment.
- **Basis weight:** Nominal weight of material per meter2 indicated "gram weight" unit of measure at 8% moisture.
- **Thickness:** As measured under 4 PSI using TAPPI method T411.
- **Flat/fluted:** Flat stock is supplied as sheets, rolls or die cut parts. Fluted is 1/4 or 1/2 quadrant funnel folding.
- **Surface:** Stated as relative to comparable products listed in this product alignment.
- **Brightness:** Stated as relative to comparable products listed in this product alignment.

Cat. No.	Description	Furnish	Ash Content (%)	Retention	Flow	Basis Weight (g/m2)	Thickness (mm)	Flat/ Fluted	Surface	Brightness
Quantitative filter paper										
CFP40 grade										
CHFP1008	9cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CHFP1009	11cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CHFP1010	12.5cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CHFP1011	15cm 8 micron	Cotton/Ashless	<0.01	8 µm	Medium	85	0.2	Flat	Very smooth	Bright white
CFP41 grade										
CHFP1015	11cm 20 micron	Cotton/Ashless	<0.01	20 µm	Fast	85	0.22	Flat	Very smooth	Bright white
CFP42 grade										
CHFP1019	4.25cm 2.5 micron	Cotton/Ashless	<0.01	2.5 µm	Slow	140	0.17	Flat	Very smooth	Bright white
CHFP1020	9cm 2.5 micron	Cotton/Ashless	<0.01	2.5 µm	Slow	140	0.17	Flat	Very smooth	Bright white
CFP44 grade										
CHFP1029	11cm 3 micron	Cotton/Ashless	<0.01	3.0 µm	Slow	85	0.165	Flat	Very smooth	Bright white
CFP540 grade										
CHFP1069	2.1cm 7-8 micron	Cotton/Ashless/ Hardened	<0.01	7-8 µm	Medium	85	0.21	Flat	Very smooth	Bright white

General Supplies

General Supplies

Gloves

Esteem® Stretchy Nitrile I, II and III

Powder-Free Non-Sterile Nitrile Examination Gloves

Esteem® Stretchy Nitrile examination gloves are soft and flexible. The gloves recover shape quickly and effectively mold to the hands for a comfortable fit.

Features and Benefits:

• Available either fingertip textured or fully textured on both fingers and palms for a sure grip, even when wet

• Provide tactile sensitivity while maintaining strength and barrier protection

• Appropriate for those with a natural rubber latex sensitivity

Esteem® Stretchy Nitrile II – Micro Textured

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Light blue
• Nominal fingertip thickness: 4.3 mil (0.11mm)
• Tested for use with various chemicals and chemotherapy drugs[1]

Cat. No.	Size	Qty.
8810NB	X-small	150/bx, 1,500/cs
8811NB	Small	150/bx, 1,500/cs
8812NB	Medium	150/bx, 1,500/cs
8813NB	Large	150/bx, 1,500/cs
8814NB	X-large	130/bx, 1,300/cs
8814NXXB	2X-large	130/bx, 1,300/cs

Esteem® Stretchy Nitrile I – Fingertip Textured

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Blue
• Nominal fingertip thickness: 4.3 mil (0.11mm)
• Nominal length: 9.8 in. (248mm)

Cat. No.	Size	Qty.
8815NB	X-small	150/bx, 1,500/cs
8816NB	Small	150/bx, 1,500/cs
8817NB	Medium	150/bx, 1,500/cs
8818NB	Large	150/bx, 1,500/cs
8819NB	X-large	130/bx, 1,300/cs
8819NXXB	2X-large	130/bx, 1,300/cs

Esteem® Stretchy Nitrile III – Fingertip Textured

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Teal blue
• Nominal fingertip thickness: 4.7 mil (0.12mm)
• Tested for use with various chemicals and chemotherapy drugs[1]

Cat. No.	Size	Qty.
8854NXSB	X-small	150/bx, 1,500/cs
8855NSB	Small	150/bx, 1,500/cs
8856NMB	Medium	150/bx, 1,500/cs
8857NLB	Large	150/bx, 1,500/cs
8858NXLB	X-large	130/bx, 1,300/cs
8859NXXB	2X-large	130/bx, 1,300/cs

[1] **Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

General Supplies

Esteem® Tru-Blu™ Stretchy Nitrile
Powder-Free Non-Sterile Nitrile Examination Gloves

Esteem® Tru-Blu™ Stretchy Nitrile examination gloves are soft and flexible. They deliver freedom of movement and tactile sensitivity.

Features and Benefits:

• Microtextured for a secure grip, even when wet

• Stretchy nitrile material for ease of donnability

• Appropriate for those with a natural rubber latex sensitivity

• Tested for use with various lab chemicals and chemotherapy drugs[1]

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Blue
• Nominal fingertip thickness: 5.1 mil (0.13mm)

Cat. No.	Size	Qty.
8895N	X-small	100/bx, 1,000/cs
8896N	Small	100/bx, 1,000/cs
8897N	Medium	100/bx, 1,000/cs
8898N	Large	100/bx, 1,000/cs
8899N	X-large	90/bx, 900/cs
8899NXX	2X-large	90/bx, 900/cs

Esteem® XP
Powder-Free Non-Sterile Nitrile Examination Gloves

Esteem® XP examination gloves feature a long, beaded cuff that safeguards the hand and wrist against spills and splashes while assisting in easy donning and inhibiting roll-down.

Features and Benefits:

• Provides tactile sensitivity while maintaining strength and barrier protection

• Smooth finish

• Extended cuff provides additional protection in high-risk areas

• Appropriate for those with a natural rubber latex sensitivity

• Tested for use with various lab chemicals and chemotherapy drugs[1]

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Blue
• Nominal fingertip thickness: 5.5 mil (0.14mm)

Cat. No.	Size	Qty.
N8850XP	X-small	50/bx, 500/cs
N8851XP	Small	50/bx, 500/cs
N8852XP	Medium	50/bx, 500/cs
N8853XP	Large	50/bx, 500/cs
N8854XP	X-large	50/bx, 500/cs

[1] **Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

General Supplies

General Supplies

Gloves

Esteem® Stretchy Synthetic
Powder-Free Non-Sterile Vinyl Examination Gloves

Esteem® Stretchy Synthetic examination gloves are made from a vinyl formulation that helps provide additional elasticity and fit. They are soft and flexible, don easily and feel natural. Esteem® Stretchy Synthetic exam gloves are ideal for short-term use (less than 15 minutes) where there is minimal stress on the glove and a low-to-no risk of exposure to blood or other potentially infectious materials.

Features and Benefits:

• Smooth finish

• Beaded cuff assists in donning and helps reduce roll-down

• Appropriate for those with natural rubber latex sensitivity

• Tested for use with various lab chemicals and chemotherapy drugs[1]

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Cream
• Nominal fingertip thickness: 4.3 mil (0.11mm)

Cat. No.	Size	Qty.
8880B	X-small	150/bx, 1,500/cs
8881B	Small	150/bx, 1,500/cs
8882B	Medium	150/bx, 1,500/cs
8883B	Large	150/bx, 1,500/cs
8884B	X-large	130/bx, 1,300/cs

Flexal® Nitrile Exam Gloves
Powder-Free Non-Sterile Examination Gloves

Flexal® Nitrile Exam Gloves offer an alternative to latex and other nitrile gloves currently available in the market today. They provide tactile sensitivity and protect the hands from potentially infectious materials.

Features and Benefits:

• Textured fingertips enable grip even when wet

• Helps deliver savings

• Tested for use with various lab chemicals and chemotherapy drugs[1]

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Cornflower blue
• Nominal fingertip thickness: 4.2 mil (0.11mm)

Cat. No.	Size	Qty.
88TN01XS	X-small	200/bx, 2,000/cs
88TN02S	Small	200/bx, 2,000/cs
88TN03M	Medium	200/bx, 2,000/cs
88TN04L	Large	200/bx, 2,000/cs
88TN05XL	X-large	200/bx, 2,000/cs
88TN06XXL	2X-large	200/bx, 2,000/cs

[1] **Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

General Supplies

InstaGard® Synthetic
Powder-Free Non-Sterile Vinyl Examination Gloves

InstaGard® Synthetic examination gloves are made from polyvinyl chloride or PVC. They can be used for short-term clinical applications with low risk of exposure to potentially infectious materials, such as changing bed linens and transporting patients. InstaGard® Synthetic gloves are a great choice for anyone looking for a cost-effective glove for general patient care.

Features and Benefits:

• Smooth finish

• Beaded cuff helps facilitate donning

• Appropriate for those with natural rubber latex sensitivity

• Powder-free
• Not made with natural rubber latex
• Ambidextrous
• Color: Transparent
• Nominal fingertip thickness: 3.5 mil (0.09mm)

Cat. No.	Size	Qty.
8886IB	Small	150/bx, 1,500/cs
8887IB	Medium	150/bx, 1,500/cs
8888IB	Large	150/bx, 1,500/cs
8889IB	X-large	130/bx, 1,300/cs

Handling hazardous chemicals and drugs can present a significant risk to healthcare professionals. To reduce the potential for harmful effects on healthcare workers exposed to such drugs, the appropriate selection and use of gloves is critical.[1,2,3,4]

• Select powder-free, high-quality gloves that meet ASTM D6978 (Standard Practice for Assessment of Resistance of Medical Gloves for Permeation by Chemotherapy Drugs) and ASTM F739 (Standard Test Method for Permeation of Liquids and Gases Through Protective Clothing Materials Under Conditions of Continuous Contact).

• Double glove for all activities involving hazardous drugs.

• Change gloves at least every 15 minutes or immediately when torn, punctured or knowingly contaminated.

[1] American Society of Health-System Pharmacists. ASHP guidelines on handling hazardous drugs. Am J Health-Syst Pharm. 2006; 63:1172-93.

[2] Oncology Nursing Society (ONS). Safe Handling of Hazardous Drugs. 1997. Revised 2003.

[3] Pharmaceutical compounding–sterile preparations. USP _797_. In:First Supplement to The United Stated Pharmacopeia, 27th rev.; and The National Formulary, 22nd ed. Rockville, MD: United States Pharmacopeia Convention, Inc.: 2004:3121–3138. Revised January 2010.

[4] Occupational Safety and Health Administration (OSHA). Technical Manual, Section VI, Chapter 2, Controlling Occupational Exposure to Hazardous Drugs.

General Supplies

Gloves

Esteem® with Neu-Thera®

Coated Powder-Free Non-Sterile Synthetic Examination Gloves

Esteem® exam gloves with Neu-Thera® moisturize the skin and helps to soothe dry, flaking and irritated skin. Cardinal Health developed a line of premium examination gloves coated with a unique and proprietary emollient: Neu-Thera®, which offers dermal conditioning benefits for the wearer.

Features and Benefits:

- Available in either stretchy nitrile or vinyl
- Helps promote hand hygiene
- Provide a secure grip, even when wet
- Same fit, feel and comfort you've come to expect from all of the Esteem® Stretchy gloves
- Appropriate for those with a natural rubber latex sensitivity

Esteem® Nitrile with Neu-Thera®

- Microtextured finish
- Beaded cuff
- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 5.1 mil (0.13mm)
- Tested for use with various chemotherapy drugs[1]

Cat. No.	Size	Qty.
N88RX01T	X-small	100/bx, 1,000/cs
N88RX02T	Small	100/bx, 1,000/cs
N88RX03T	Medium	100/bx, 1,000/cs
N88RX04T	Large	100/bx, 1,000/cs
N88RX05T	X-large	90/bx, 900/cs
N88RX06T	2X-large	90/bx, 900/cs

Esteem® Synthetic with Neu-Thera® (Vinyl)

- Smooth finish
- Beaded cuff
- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Periwinkle blue
- Nominal fingertip thickness: 4.3 mil (0.11mm)

Cat. No.	Size	Qty.
S88RX01	X-small	100/bx, 1,000/cs
S88RX02	Small	100/bx, 1,000/cs
S88RX03	Medium	100/bx, 1,000/cs
S88RX04	Large	100/bx, 1,000/cs
S88RX05	X-large	90/bx, 900/cs

[1] **Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

Flexam® Sterile Nitrile

Powder-Free Sterile Nitrile Examination Gloves

Flexam® Sterile Nitrile examination gloves offer all the comfort and protection of Stretchy Nitrile gloves, but are sterilized. They're soft and flexible, don easily and feel natural while in use. But they also provide the high level of protection you need in demanding clinical situations. They deliver freedom of movement and tactile sensitivity. Flexam® Sterile Nitrile exam gloves are available in either singles or pairs.

Features and Benefits:

- Stretchy nitrile formulation conforms to hands
- Microtextured surface for a sure grip
- 11 in. beaded cuff provides added protection
- Appropriate for those with natural rubber latex sensitivity
- Tested for use with various chemicals and chemotherapy drugs[1]

Flexam® Sterile Nitrile

- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Blue
- Nominal fingertip thickness: 5.9 mil (0.15mm)
- Nominal length: 11.8 in. (300mm)

Cat. No.	Size	Qty.
Singles		
N8820	Small	50/bx, 250/cs
N8821	Medium	50/bx, 250/cs
N8822	Large	50/bx, 250/cs
N8823	X-large	50/bx, 250/cs
Pairs		
N8830	Small	40/bx, 200/cs
N8831	Medium	40/bx, 200/cs
N8832	Large	40/bx, 200/cs
N8833	X-large	40/bx, 200/cs

[1] **Caution:** Gloves used for protection against chemotherapy drug and laboratory chemical exposure should be selected specifically for the type of chemicals being used. Note: Review Safety Data Sheets (SDS) for the chemicals/drugs being used to determine required level of protection.

Triflex® Sterile Vinyl

Powder-Free Sterile Vinyl Examination Gloves

Triflex® Sterile Vinyl examination gloves are made from the same material as the Stretchy Synthetic gloves, offering tactile sensitivity and freedom of movement. Packaged in singles or pairs, the gloves are suitable for sterile tasks of short duration (less than 15 minutes) such as minor suture removals and dressing changes.

Features and Benefits:

- Vinyl formulation helps provide additional elasticity and fit
- Smooth finish
- Beaded cuff helps facilitate donning and helps reduce roll down
- Appropriate for those with natural rubber latex sensitivity

Triflex® Sterile Vinyl

- Powder-free
- Not made with natural rubber latex
- Ambidextrous
- Color: Cream
- Nominal fingertip thickness: 4.7 mil (0.12mm)
- Nominal length: 9.5 in. (245mm)

Cat. No.	Size	Qty.
Singles		
2D7001PF	Small	100/bx, 200/cs
2D7002PF	Medium	100/bx, 200/cs
2D7003PF	Large	100/bx, 200/cs
Pairs		
2D7011PF	Small	50/bx, 200/cs
2D7012PF	Medium	50/bx, 200/cs
2D7013PF	Large	50/bx, 200/cs

General Supplies

General Supplies

Gloves - Quick Reference Guide

Synthetic Powder-Free **Non-Sterile** Exam Gloves*

Cat. No.	Size	Material	Color	Finish	Nominal fingertip thickness mils (mm)	Chemo claim	Chemicals tested	Packaging
Esteem® Stretchy Nitrile (ESNI)								
8815NB	XS	Nitrile	Blue	Fingertip-textured	4.3 mil (0.11 mm)			**XS – L:** 150 gloves/bx **XL – XXL:** 130 gloves/bx, 10 bx/cs
8816NB	S							
8817NB	M							
8818NB	L							
8819NB	XL							
8819NXXB	XXL							
Esteem® Stretchy Nitrile (ESNII)								
8810NB	XS	Nitrile	Light blue	Micro-textured	4.3 mil (0.11 mm)	✓	✓	**XS – L:** 150 gloves/bx **XL – XXL:** 130 gloves/bx, 10 bx/cs
8811NB	S							
8812NB	M							
8813NB	L							
8814NB	XL							
8814NXXB	XXL							
Esteem® Stretchy Nitrile (ESNIII)								
8854NXSB	XS	Nitrile	Teal blue	Fingertip-textured	4.7 mil (0.12 mm)	✓	✓	**XS – L:** 150 gloves/bx **XL – XXL:** 130 gloves/bx, 10 bx/cs
8855NSB	S							
8856NMB	M							
8857NLB	L							
8858NXLB	XL							
8859NXXB	XXL							
Esteem® Tru-Blu™ Stretchy Nitrile								
8895N	XS	Nitrile	Blue	Micro-textured	5.1 mil (0.13 mm)	✓	✓	**XS – L:** 100 gloves/bx **XL – XXL:** 90 gloves/bx, 10 bx/cs
8896N	S							
8897N	M							
8898N	L							
8899N	XL							
8899NXX	XXL							
Esteem® XP — 12 in. cuff								
N8850XP	XS	Nitrile	Blue	Smooth	5.5 mil (0.14mm)	✓	✓	**XS – XL:** 50 gloves/bx, 10 bx/cs
N8851XP	S							
N8852XP	M							
N8853XP	L							
N8854XP	XL							
Esteem® Stretchy Synthetic								
8880B	XS	PVC (Vinyl)	Cream	Smooth	4.3 mil (0.11mm)		✓	**XS – L:** 150 gloves/bx **XL:** 130 gloves/bx, 10 bx/cs
8881B	S							
8882B	M							
8883B	L							
8884B	XL							
Flexal® Nitrile								
88TN01XS	XS	Nitrile	Cornflower blue	Fingertip-textured	4.2 mil (0.11 mm)	✓	✓	**XS – XXL:** 200 gloves/bx, 10 bx/cs
88TN02S	S							
88TN03M	M							
88TN04L	L							
88TN05XL	XL							
88TN06XXL	XXL							
InstaGard® Synthetic								
8886IB	S	PVC (Vinyl)	Clear (Transparent)	Smooth	3.5 mil (0.09mm)			**S – L:** 150 gloves/bx **XL:** 130 gloves/bx, 10 bx/cs
8887IB	M							
8888IB	L							
8889IB	XL							

*Not made with natural rubber latex.

Coated Synthetic Powder-Free Non-Sterile Exam Gloves*

Cat. No.	Size	Material	Color	Finish	Nominal fingertip thickness mils (mm)	Chemo claim	Chemicals tested	Packaging
Esteem® Nitrile with Neu-Thera®								
N88RX01T	XS	Nitrile	Blue	Micro-textured	5.1 mil (0.13 mm)	✔	✔	**XS – L:** 100 gloves/bx **XL – XXL:** 90 gloves/bx, 10 bx/cs
N88RX02T	S							
N88RX03T	M							
N88RX04T	L							
N88RX05T	XL							
N88RX06T	XXL							
Esteem® Synthetic with Neu-Thera®								
S88RX01	XS	PVC (Vinyl)	Periwinkle blue	Smooth	4.3 mil (0.11 mm)		✔	**XS – L:** 100 gloves/bx **XL:** 90 gloves/bx, 10 bx/cs
S88RX02	S							
S88RX03	M							
S88RX04	L							
S88RX05	XL							

*Not made with natural rubber latex.

Powder-Free Sterile Exam Gloves*

Cat. No.	Size	Material	Color	Finish	Nominal fingertip thickness mils (mm)	Chemo claim	Chemicals tested	Packaging
Flexam® Sterile Nitrile (singles) — 11 in. cuff								
N8820	S	Nitrile	Blue	Anti-slip	5.9 mil (0.15mm)	✔	✔	**S – XL:** 50 gloves/bx, 5 bx/cs
N8821	M							
N8822	L							
N8823	XL							
Flexam® Sterile Nitrile (pairs) — 11 in. cuff								
N8830	S	Nitrile	Blue	Anti-slip	5.9 mil (0.15mm)	✔	✔	**S – XL:** 40 gloves/bx, 5 bx/cs
N8831	M							
N8832	L							
N8833	XL							
Triflex® Sterile Vinyl (singles)								
2D7001PF	S	PVC (Vinyl)	Cream	Smooth	4.7 mil (0.12mm)			**S – L:** 100 gloves/bx, 2 bx/cs
2D7002PF	M							
2D7003PF	L							
Triflex® Sterile Vinyl (pairs)								
2D7011PF	S	PVC (Vinyl)	Cream	Smooth	4.7 mil (0.12mm)			**S – L:** 50 gloves/bx, 4 bx/cs
2D7012PF	M							
2D7013PF	L							

*Not made with natural rubber latex.

General Supplies

SoftCIDE® Extra-Mild Antimicrobial Handwash

SoftCIDE® soap is specially designed for healthcare workers to be gentle on the skin even during frequent washing. Each ingredient was carefully selected to ensure compatibility with skin and the formulation helps replenish the skin's natural oils. It contains 1% parachlorometaxylenol (PCMX), a fast-acting antimicrobial agent that is effective against both gram-positive and gram-negative bacteria as well as yeast.

SoftCIDE® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
C6341-12	4 oz. squeeze bottle	12/cs
C6341-9	27 oz. bag-in-a-box	12/cs
C6341-10	32 oz. pump bottle	6/cs
C6341-11	128 oz./1 gal. jug	4/cs

SoftGUARD® Extra-Strength Barrier Hand Cream

We offer SoftGUARD® cream, which helps prevent and relieve chapping and irritation typically caused by latex gloves and frequent hand washing. SoftGUARD® cream creates a barrier over your skin that helps protect you from these sources of irritation. Hand cream also absorbs immediately and is completely nongreasy, so it won't interfere with grip or dexterity. Unscented SoftGUARD® hand cream remains on your hands longer for extended protection and will stay on through several hand rinsings. Cream is petroleum-free and thoroughly tested to be latex- and CHG-compatible.

SoftGUARD® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
C6341-1	Hand cream - 3 oz. tube	12/cs
C6341-5	Hand cream - 16 oz. pump bottle	6/cs
C6341-3	Hand cream - 128 oz. gallon refill jug	4/cs

Bag-in-a-Box Wall Dispenser

This wall-mounted unit holds one 27 oz. (800mL) bag for the convenient dispensing of sanitizing hand soap, sanitizer or cream. Works with SoftCIDE® hand soap (C6341-9), SoftCIDE-ES® hand soap (C6341-26), SoftGUARD® hand cream (C6341-19), SoftCIDE-NA® hand soap (C6341-14) and AlcoSCRUB® hand sanitizer (C6355-6).

SoftCIDE®, SoftCIDE-ES®, SoftGUARD®, SoftCIDE-NA® and AlcoSCRUB® are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
C6341-17	27 oz. (800mL) bag-in-a-box wall dispenser	12/cs

In-line Filters

In-line filters protect your vacuum pump and outlet gas environment. Easy-to-use sterile and disposable in-line filters contain a hydrophobic PTFE membrane. Ideal for confining and isolating infectious and hazardous materials in vacuum systems and protecting your laboratory.

Features and benefits:
- Pre-sterilized using gamma
- High quality PTFE hydrophobic membrane
- Ultrasonically welded polypropylene housing
- Channeled flow path for even distribution over membrane surface
- Stepped barb ports from ¼ to ⅜ in.

Applications:
- Protects vacuum systems from pathogen contamination and vacuum pumps from aerosol corrosion
- Sterile gas purging of culture vessels
- Venting of bioreactors, fermentation tanks and carboys
- Filtering aggressive solvents
- Protects work area from airborne pathogens and hazardous vacuum pump exhaust

Technical specifications:

Housing . . . . .Polypropylene
Sealing technology . . . . .Ultrasonically welded
Membrane material . . . . .PTFE (Polytetrafluoroethylene)
Pore size . . . . .0.22 µm
Membrane diameter 50mm
Connectors . . . . .¼ to ⅜ in. barb ports

Cat. No.	Description	Qty.
CHPG1100	Hydrophobic PTFE in-line filter - 0.22 micron - sterile - 50mm	10/pk, 5 pks/cs

Precut Red Border Labels

Precut red border labels demand your attention. The permanent adhesive sticks to most surfaces, including glass, plastic, polyethylene and wax. Label surface will accept addressograph, pen, pencil or felt-tip marker. Labels have a 1 in. core and are wound for use with a typewriter.

Cat. No.	Description	Qty.
L1540-11	¾ x 1 in.	500/rl
L1540-12	1 x 1⅝ in.	500/rl
L1540-13	1½ x 2½ in.	500/rl
L1540-14	2 x 3 in.	500/rl

Red Border Labels

Red border labels are printed on pressure-sensitive tape that sticks to almost any surface. They can be used in a wide range of temperatures and still be removed. The label surface will accept pen, pencil, felt-tip marker or rubber stamp. Labels' bright border attracts the eye. 1 in. core. 500 in. roll.

Cat. No.	Description	Qty.
L1540-1	¾ x 1 in.	500/rl
L1540-2	1 x 1⅝ in.	500/rl
L1540-3	1½ x 2½ in.	500/rl
L1540-4	2 x 3 in.	500/rl

Tyvek® Labels

Tyvek® labels are stripped, perforated and mounted on peel-off backing paper. Labels resist moisture, mildew, chemicals, aging and tearing. Label L1510-1 is supplied in sheet form and labels L1510-2 through L1510-5 are supplied in rolls.

Tyvek® is a registered trademark of E.I. du Pont de Nemours and Co.

Cat. No.	Description	Qty.
Sheet labels		
L1510-1	⅞ x ⅞ in.	1,000/pk
Roll labels		
L1510-2	¾ x 1½ in.	1,000/rl
L1510-3	1 x 2 in.	1,000/rl
L1510-4	1½ x 3 in.	1,000/rl
L1510-5	2 x 4 in.	1,000/rl

Blood Collection Compatibility Labels

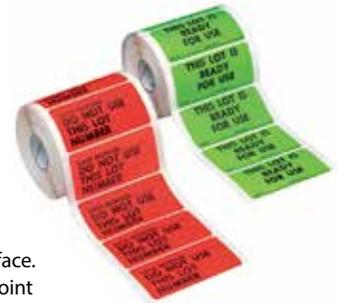| Cat. No.	Description	Qty.
UPCR-9408	Compatibility label, 2 x 3 in., white	500/rl

Expiration Labels

Expiration labels provide space where you can indicate the date received, date opened and expiration date on various reagents, controls and other laboratory items for quick identification of outdated material. Labels adhere to almost any dry surface for permanent application. ¾ x 1½ in. with a 1 in. core.

Cat. No.	Description	Qty.
L1555-1	Expiration label	500/rl

Lot Signal Labels

Lot signal labels command your attention with their bright colors: red (with a stop, do-not-use message), yellow (with a cautionary, changes needed message) and green (with a go-ahead, ready-for-use message). Labels are stripped and perforated and will stick to almost any dry surface. You can write on them with a ballpoint pen or pencil. 1½ x 3 in. with a 1 in. core.

Cat. No.	Description	Qty.
L1505-1	Red	500/rl
L1505-2	Yellow	500/rl
L1505-3	Green	500/rl

Medical Labels

These labels have "MEDICAL MATERIALS: PACKAGING CONFORMS WITH STANDARDS IN 49 CFR 173.387, 42 CFR 72.25 (c), AND NIH GUIDE" printed in large, legible lettering on each 1½ x 2 in. pressure-sensitive label.

Cat. No.	Description	Qty.
L1599-7	Medical label	100/pk

General Supplies

Labels - General Printed/Hazard Warning

Precut IVC Labels

Precut IVC labels offer a quick, visual record of all intravenous infusions. It accepts information from pen, pencil, marker or imprinter. Expose the pressure-sensitive adhesive on one side of the label to place on the bag. After infusion, expose adhesive on the other side of the label and place in patient's permanent IV record, eliminating the need for further transcribing. The narrow label is calibrated to fit a VIAFLEX® 1,000mL bag. Size: 1¾ x 10½ in.

VIAFLEX® is a registered trademark of Baxter International Inc.

Cat. No.	Description	Qty.
IVC-V1-A	Precut IVC label	1,000/cs

Precut Tubing Labels

Precut tubing labels are white with a red imprint that reads "IV SET-72 HRS-ONLY." A tab holds the label on the tubing and perforation allows separation of the label from the tab for inclusion in the patient's permanent record.

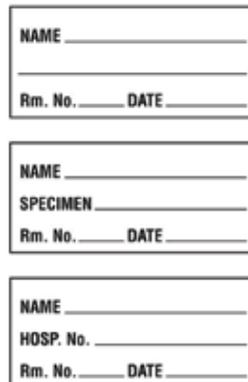| Cat. No.	Description	Qty.
IV-4	Precut tubing label	1,000/rl

Reagent Labels

Use these labels to record reagent integrity and potency. Ideal for chemistry and microbiology labs, each label has spaces for reagent name, analysis, dates and initials. Labels are printed in red and black ink on white stock and have permanent adhesive.

Cat. No.	Description	Qty.
L1550-1	1 x 2 in.	100/pk
L1550-2	4¼ x 2 in.	100/pk

Specimen Labels

Use these labels to identify patient specimens. Preprinted in black on white, they will accept ballpoint pen, pencil or marker and will adhere to glass or plastic surfaces, even if slippery or waxed. Labels are transferable from one surface to another and may be used to hold the test requisition to the specimen container. 1 in. core. Labels are 1 x 2¼ in. 500 in. of labels per roll.

Cat. No.	Description	Qty.
L1613-9	Name, Rm. No., Date label	1/ea
L1613-10	Name, Specimen, Rm. No., Date label	1/ea
L1613-12	Name, Hosp. No., Rm. No., Date label	1/ea

Specimen Pathology Labels

Specimen pathology labels are preprinted in red on white with: PATHOLOGY SPEC., NAME, DATE, SEX, AGE, ROOM, DOCTOR, SPECIMEN and NUMBER. 1 in. core. Label is 1½ x 3½ in. 500 in. of labels per roll.

Cat. No.	Description	Qty.
L1613-11	Specimen pathology label	142/rl

Biohazard Labels

Use biohazard labels to identify equipment, containers, rooms, materials, experimental animals, etc., that may contain or are contaminated with biologically hazardous agents. These bright and easy-to-read pressure-sensitive labels have a biohazard symbol printed in black against a red fluorescent background as well as space for hazard identity. Labels adhere to almost any dry surface for permanent application.

Cat. No.	Description	Qty.
L1599-4	25 x 76mm	100/pk
L1599-5	57 x 89mm	100/pk
L1599-3	200 x 254mm	10/pk

Biomedical Labels

Biomedical labels read "HANDLE CAREFULLY: BIOMEDICAL MATERIAL." The biohazard symbol is printed in red against a white background. Each label measures 2½ x 4 in.

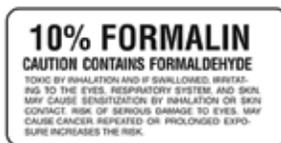| Cat. No.	Description	Qty.
L1599-6	**Biomedical label**	**100/pk**

Carcinogen Warning Labels

These labels warn your technicians of contamination from carcinogenic material. 1 in. core. Labels are 1 x 2½ in. 500 in. roll.

Cat. No.	Description	Qty.
L1535-1	"Danger Carcinogen" label - red tape/black ink	500/rl
L1535-2	"Danger Chemical Carcinogen" label - yellow tape/black ink	500/rl

Formaldehyde Warning Labels

These labels comply with OSHA formaldehyde labeling requirements. A warning message is printed on each label. Pressure-sensitive, they stick to plastic, glass, metal or wood. Black on white.

Cat. No.	Description	Qty.
L1522-5	Formaldehyde warning labels	500/rl

Radioactive Warning Labels

These labels have "CAUTION: RADIOACTIVE MATERIAL" printed in magenta ink on a bright yellow background to attract immediate attention. The pressure-sensitive tape labels adhere to most surfaces. 1 in. core.

Cat. No.	Description	Qty.
L1599-1	Isotope, amount, date write-in space - 1 in. width - 500 in. roll	5 rl/pk
L1599-2	No write-in space - 1 in. width - 500 in. roll	5 rl/pk
L1599-2A	Series, date write-in space - 1½ in. width - 500 in. roll	5 rl/pk
L1599-2B	Write-in space - 2 in. width - 500 in. roll	5 rl/pk

Pressure-Sensitive Labels

Apply pressure-sensitive labels to almost any flat surface. They will adhere in extremely hot and cold situations and are excellent for use with liquid nitrogen. Made with rayon cloth, they resist acid, alkali, oil, grease, fresh or salt water and soap. Suitable for cryogenic work. Individually attached and peelable from a paper backing sheet.

Cat. No.	Description	Qty.
L1515-1	5/8 x 1 in.	1,000/pk
L1515-2	5/8 x 2 in.	1,000/pk

Pressure-Sensitive Labeling Tapes

Pressure-sensitive labeling tapes adhere to any dry surface from refrigerators to oil baths. Write on them with an ordinary marking device. Tapes are resistant to oil, water and acid and withstand a wide range of temperatures. The adhesive permits you to remove and transfer labels without leaving residue. 3 in. core. 60 yds. of tape per roll.

Cat. No.	Description	Qty.
½ in. wide		
L1600-50A	White	1/ea
L1601-50A	Yellow	1/ea
L1602-50	Green	1/ea
L1603-50	Red	1/ea
L1604-50A	Orange	1/ea
L1605-50	Blue	1/ea
¾ in. wide		
L1600-75A	White	1/ea
L1601-75A	Yellow	1/ea
L1602-75	Green	1/ea
L1603-75	Red	1/ea
L1604-75A	Orange	1/ea
L1605-75	Blue	1/ea
1 in. wide		
L1600-100A	White	1/ea
L1601-100A	Yellow	1/ea
L1602-100	Green	1/ea
L1603-100	Red	1/ea
L1604-100A	Orange	1/ea
L1605-100	Blue	1/ea

General Supplies

Labeling Tapes

Specialty Labeling Tapes

Specialty labeling tapes can be used on most surfaces and can withstand the extremes of refrigerators, freezers, autoclaves, ovens, incubators, water and oil baths. Pressure sensitive. 1 in. core. 500 in. of tape per roll.

Cat. No.	Description	Qty.
½ in. wide		
L1599-50A	Aqua	5/pk
L1599-50B	Blue	5/pk
L1599-50C	Copper	5/pk
L1599-50H	Gray	5/pk
L1599-50G	Green	5/pk
L1599-50L	Lavender	5/pk
L1599-50M	Lime	5/pk
L1599-50J	Orange	5/pk
L1599-50P	Pink	5/pk
L1599-50R	Red	5/pk
L1599-50S	Rose	5/pk
L1599-50T	Tan	5/pk
L1599-50V	Violet	5/pk
L1599-50W	White	5/pk
L1599-50Y	Yellow	5/pk
¾ in. wide		
L1599-75A	Aqua	5/pk
L1599-75B	Blue	5/pk
L1599-75C	Copper	5/pk
L1599-75H	Gray	5/pk
L1599-75G	Green	5/pk
L1599-75L	Lavender	5/pk
L1599-75M	Lime	5/pk
L1599-75J	Orange	5/pk

Cat. No.	Description	Qty.
¾ in. wide (continued)		
L1599-75P	Pink	5/pk
L1599-75R	Red	5/pk
L1599-75S	Rose	5/pk
L1599-75T	Tan	5/pk
L1599-75V	Violet	5/pk
L1599-75W	White	5/pk
L1599-75Y	Yellow	5/pk
1 in. wide		
L1599-10A	Aqua	5/pk
L1599-10B	Blue	5/pk
L1599-10C	Copper	5/pk
L1599-10H	Gray	5/pk
L1599-10G	Green	5/pk
L1599-10L	Lavender	5/pk
L1599-10J	Orange	5/pk
L1599-10M	Lime	5/pk
L1599-10P	Pink	5/pk
L1599-10R	Red	5/pk
L1599-10S	Rose	5/pk
L1599-10T	Tan	5/pk
L1599-10V	Violet	5/pk
L1599-10W	White	5/pk
L1599-10Y	Yellow	5/pk
1½ in. wide		
L1599-15B	Blue	5/pk
L1599-15G	Green	5/pk
L1599-15J	Orange	5/pk
L1599-15R	Red	5/pk
L1599-15W	White	5/pk
L1599-15Y	Yellow	5/pk
2 in. wide		
L1599-20B	Blue	5/pk
L1599-20G	Green	5/pk
L1599-20J	Orange	5/pk
L1599-20R	Red	5/pk
L1599-20W	White	5/pk
L1599-20Y	Yellow	5/pk

General Supplies

Securline® SuperFrost® Lab Markers

Cytology/histology markers have virtually permanent ink that resists solvents, including alcohol and xylene. Markings are designed to withstand cryogenic temperatures when applied to frosted surfaces. Sturdy, fine-point nib makes thin, easy-to-read line. Use for labeling Superfrost® slides and plastic embedding cassettes. Test before using on actual specimens.

Securline® is a registered trademark of Aspen Surgical Products, Inc.

Superfrost® is a registered trademark of Erie Scientific Company.

Cat. No.	Description	Qty.
P1220	Black	10/pk
P1220-5	Red	10/pk

Securline® Lab Markers

This special-purpose writing instrument is designed to write on damp surfaces as easily as it writes on dry surfaces. Can be used on dry, wet or cold surfaces, and plastic or metal surfaces, such as petri dishes. Black quick-dry ink is designed not to bleed when subjected to water or alcohol during normal use. Can be washed off reusable surfaces, allowing surfaces to be marked repeatedly.

Securline® is a registered trademark of Aspen Surgical Products, Inc.

Cat. No.	Description	Qty.
P1220-10	Lab marker	10/pk

Technical Pens

Record results in lab notebooks, fill in charts, draw graphs, mark recording paper and produce diagrams with these technical pens. They lay flat against rulers and flexible curves for accurate alignment. They are balanced for comfort in your hand. Instant writing, long storage time and dry-out prevention are supported by an airtight ring seal in the cap. The pens respond the moment they are touched to paper. Instant drying ink helps prevent smearing and bleeding. Line sizes are 0.2 and 0.4mm.

Cat. No.	Description	Qty.
P1229-1	0.2mm - black	6/pk

Carbon-Fiber Calipers

These Traceable® composite carbon-fiber calipers measure outer diameter and inner diameter. They have an easy-to-read digital ⅓ in. high jumbo display and switch from inches to millimeters at the touch of a button. The "zero" button instantly sets the unit to zero when the jaws are at any position; this permits setting a Floating Zero™ reference point to read greater than/less than results without calculations.

Available in 4 in. and 6 in. measuring ranges, these ergonomically designed calipers have an ultrasmooth slide bar that requires no lubrication. Units will run on the supplied battery for 10,000 hours. Resolution is 0.01 in. (0.1mm) and accuracy is ±0.01 in. (0.2mm). A serial-numbered certificate is provided from an ISO/IEC 17025 calibration laboratory indicating traceability N.I.S.T. standards.

Traceable® is a registered trademark of Control Company.

Floating Zero™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C3316-10	4 in. caliper	1/ea
C3316-11	6 in. caliper	1/ea

Aluminum Fold-Up Cart

Move your heaviest lab chemicals, drums and cases of glassware with this aluminum fold-up cart. It is made of aluminum alloy and can hold up to 330 lbs., but weighs just 20 lbs. It folds up for easy storage to a compact briefcase size. The handle adjusts to either 27 or 30 in. to accommodate all users. The telescoping platform extends for longer loads from 18 to 28 in. The cart is supplied with bungee cords to keep items from slipping. It also has rubber bumpers on all four corners to protect walls from accidental nicks. The large, solid-rubber wheels make it extremely easy to push.

Cat. No.	Description	Qty.
C1202-60	Aluminum fold-up cart	1/ea

General Supplies

General Supplies

Miscellaneous Lab Supplies/pH Indicator Strips

Aluminum Fold-Up Hand Truck

Aluminum alloy construction allows this lightweight hand truck to move loads up to 220 lbs. It can be used to move cartons, chemicals and gas cylinders easily. The supplied bungee cords hold materials firmly in place. The hand truck folds to a compact size for easy storage. The height of the handle is 28 in. in the lower position and 42 in. in the extended position. Flip-down platform size is 14 in. wide by 9½ in. Big, smooth-rolling, solid rubber 6½ in. diameter tires make it easy to move heavy loads.

| Cat. No.	Description	Qty.
C1202-61	Aluminum fold-up hand truck	1/ea

Mini-Dolly™ Folding Cart

This cart is the ideal platform cart to move chemicals, carboys, computer paper, filing boxes and equipment. The low platform helps eliminate lifting-related injuries and allows instant folding to a compact size for storage. The unit weighs 20 lbs. but can handle loads up to 265 lbs. The skid-resistant platform (17¾ x 25½ in.) and plastic guard on four sides help hold materials firmly in place. Supplied elastic cords with "quick hooks" secure the load. Super-glide wheels swivel for complete easy rolling maneuverability and the sponge-rubber covered handle is 34½ in. long. Constructed of high-impact ABS plastic and chrome-plated steel for durability.

Mini-Dolly™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C1202-55	Mini-Dolly™ folding cart	1/ea

Solid Glass Beads

These solid glass beads are for packing columns, reducing splashing in boiling solutions and increasing surface area in gas absorption and similar procedures. Beads may be used in contact with delicate and expensive compounds while reducing the danger of injury from reaction with glass.
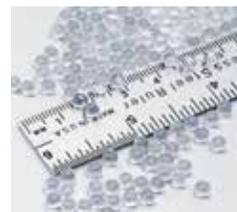
Cat. No.	Dia. (mm)	Approx. No. of Beads/lb.	Qty.
G6000-1	3	12,000	1/ea

Microprobe Set

These microprobes are made of precision-ground, polished and hardened stainless steel, so they are durable under numerous laboratory and experimental conditions. Microprobes are hand-honed to the sharpness of a needle to provide you with accuracy in micro work. Each of the six different microbes has a uniquely shaped tip to fit different applications and each probe measures 6 in. long. One set per package.

Cat. No	Description	Qty.
D2879	Microprobe set	1/ea

pH Indicator Strips

The dyes on these pH indicator strips, in contrast to conventional indicator papers, are substantively bound to the cellulose fibers. As a result, the possibility of the color bleeding, even in strongly basic solutions, is avoided. Your measurement of pH value is possible even in unbuffered or very weakly buffered solutions since the strips can be left in the solution until the final color change is completed. Indicator dyes will not contaminate samples and colors will not run into each other. 6 x 5mm indicator papers are sealed on a 6 x 85mm plastic strip. Strips are sufficiently long to avoid contact between fingers and test sample.

Cat. No.	Description	Qty.
Long range		
P1119-1C	pH range 0 to 14 - 1.0 sensitivity - 4 test fields	100/pk, 100 pk/bx
P1119-5A	pH range 0 to 6 - 0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
P1119-6A	pH range 4.5 to 10 - 0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
P1119-7A	pH range 7 to 14 - 0.5 sensitivity - 3 test fields	100/pk, 100 pk/bx
Short range		
P1119-22	pH range 3.6 to 6.1 - 0.3/0.5 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-23	pH range 5.1 to 7.2 - 0.3 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-24	pH range 6 to 7.7 - 0.3/0.4 sensitivity - 1 test field	100/pk, 100 pk/bx
P1119-25	pH range 7.5 to 9.5 - 0.2/0.4 sensitivity - 1 test field	100/pk, 100 pk/bx

Compact Timer

This ruggedly built, mechanical compact timer can be set from 1 to 120 minutes and features a loud 5-second ring that reminds you of elapsed time for all lab tests. Its high-impact ABS plastic construction makes it virtually indestructible and resistant to lab chemicals. Dial is graduated with oversized markings for easy reading. Selecting the time automatically winds the timer and the pointer always displays time remaining. The timer may be viewed from above, or it can be positioned to stand upright on a lab bench. Has a powerful spring that ensures 99% accuracy. Measures 2¾ x 2¾ x 2 in. and weighs 3½ oz.

Cat. No.	Description	Qty.
C6511-10A	Compact timer	1/ea

Eight-Channel Alarm Timer

This eight-channel alarm timer features three countdown channels with memory (memory allows automatic return to the previously programmed time at the press of a button), countdown/countup channel, stopwatch channel, two repeat channels that automatically sound alarm repeatedly at any programmed time interval and a clock channel that displays time-of-day in a.m./p.m. or 24-hour time. Timer may be set in hours/minutes/seconds to 99 hours, 59 minutes, 59 seconds.

Each channel has a distinct tone and light alarm that will sound continuously until turned off or can be set to turn off automatically in 7 seconds or 1 minute. Adjustable alarm volume control may be set from "whisper" quiet at the lab bench to a very loud volume for noisy areas. With ABS plastic case. Large ½ in. LED is powered by line current. Operates on 120V, 60 Hz.

Cat. No.	Description	Qty.
C6510-2	Eight-channel alarm timer	1/ea

Original Traceable® Lab Timer

Use this lightweight, portable timer to program three different activities from 1 second to 9 hours 59 minutes 59 seconds. Each channel has a distinct electronic alarm and display indicator. The alarm turns off manually or is silenced automatically after 1 minute. Large ¼ in.-high LCD digits are easy to read. Accuracy is 0.001%. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025 certified lab), which documents traceability to N.I.S.T. standards. Includes two AA alkaline batteries. Dimensions: 3 x 3 x 1⅛ in. Wt. 4 oz.

Cat. No.	Description	Qty.
C6510-27	Original Traceable® lab timer	1/ea

SX-Timer™ Pocket Timer

This pocket timer is adjustable from 0 to 60 minutes in 1 minute increments. Turning the pointer to the desired countdown setting automatically winds the timer. The indicating pointer shows exact time remaining. The timer has a loud 5-second bell that rings at zero. It is easy to read, easy to carry and use, and has no buttons, batteries or confusing settings. Timer has a chemical-resistant ABS plastic case that is 1 in.-thick and is supplied with a lanyard and keychain. SX-Timer™ pocket timer C6510-36 is translucent blue and white and measures 2¼ in. in diameter. Wt. 2¼ oz.

SX-Timer™ is a trademark of Control Company

Cat. No.	Description	Qty.
C6510-36	SX-Timer™ pocket timer	1/ea

Traceable® 99M/59S Timer

Select this easy-to-use timer for all of your repetitive testing needs. It counts down from 99 minutes 59 seconds in second increments and has an automatic memory that resets the display to the last programmed time. Alarm sounds for 30 seconds. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025 certified lab), which documents traceability to N.I.S.T. standards. AAA battery, magnet, stand and clip are also included. Dimensions: 2½ x 2½ x ½ in. Wt. 2 oz.

Cat. No.	Description	Qty.
C6510-23	Traceable® 99M/59S timer	1/ea

Traceable® Advanced Memory Timer

This versatile all-around lab timer remembers the last time set, counts down, sounds alarm and counts up with 0.01% accuracy. You can program it to count down from 24 hours to 1 second in 1 second increments. In the stopwatch mode, it times from 1 second to 23 hours 59 minutes 59 seconds. The clock channel features time-of-day to the second with a.m./p.m. indicators.

Timer signals duration of virtually every lab test, including drying, incubating, heating and cooling and memory time—recalling hours, minutes and seconds. Loud beeping alarm can be turned off manually or automatically silenced after 1 minute. Digits are ⅓ in.-high for viewing as much as 8 ft. away. An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. A clip, magnet and flip-open stand are provided for complete flexibility. With two-year replaceable battery. Handy pocket size. Dimensions (W x D x H): 2.52 x 0.75 x 2.52 in. Wt. 1.5 oz.

Cat. No.	Description	Qty.
C6510-9	Traceable® Advanced Memory™ timer	1/ea

Traceable® is a registered trademark of Control Company.

General Supplies

General Supplies

Timers and Stopwatches

Traceable® Bench Timer

This bench timer offers precise, high accuracy timing and an eight-digit display, making it ideal for biomedical tests as well as for calibrating other timers. This timer can be set in four timing formats: 99 hours 59 minutes 59 seconds 99 hundredths, 99999.999 seconds, 9999.9999 minutes and 999.99999 hours. High stability and a sealed quartz-crystal module provides precision timing immune to AC line fluctuations and accuracy to 0.001%. In the event of a power failure, a 9V backup battery continues timing until power is restored.

Bench timer features four timing modes: single action, time in/ out, cumulative split and interval split. Up to 12 different events may be timed simultaneously. An audible alarm can be set to signal on each channel. 99% pure silver contacts provide a switch life expectancy of about 30 years. The bench timer is housed in a high-impact ABS plastic case designed for hard laboratory use and supplied with a 9V battery. For use with 115VAC. It is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. One-year warranty. Dimensions (W x D x H): 6⅝ x 4¾ x 3½ in. Wt. 1 lb.

Cat. No.	Description	Qty.
C6543	Traceable® bench timer	1/ea

Traceable® Big Digit Timer/Stopwatch

The Traceable® big digit timer/stopwatch has four channels, each of which may be used simultaneously as countup stopwatches or in any combination of countup/countdown. You can program it to count down from 99 hours, 59 minutes, 59 seconds in 1 second increments. Unit also displays time-of-day and has a memory. Extra-loud alarm sounds for 1 minute or can be silenced manually. Includes magnetic back, flip-open easel for standing on the lab bench, spring fastener for clipping to a notebook and a hole for use with a lanyard. Fits in the palm of your hand and has a ¾ in.-high readable display from across the lab. An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Comes with two-year silver oxide battery. Dimensions (W x D x H): 2.87 x 0.93 x 2.6 in. Wt. 2 oz.

Cat. No.	Description	Qty.
C6510-7	Traceable® big digit timer/stopwatch	1/ea

Traceable® is a registered trademark of Control Company.

Traceable® Clip-It Timer™ Timer

The Clip-It Timer™ timer has a large, six-digit LCD that shows time remaining in hours, minutes and seconds. You can program it in the countdown mode from 100 hours to 1 second. When zero is reached, an alarm sounds for 60 seconds or can be silenced manually.

The tier has a rugged ABS case, quartz crystal 0.005% accuracy, magnet for placing on metal and a 1½-year, continuous-use, replaceable silver oxide battery. The timer is supplied with a serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Size is 1½ x 2 in. Wt. ½ oz. Clips to your lab coat, notebook or clipboard.

Clip-It Timer™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C6515-7	Traceable® Clip-It Timer™ timer	1/ea

Traceable® Double Display Timer

Traceable® Double Display timer allows simultaneous programming of two different activities from 20 hours to 1 second. Each channel has a distinct alarm and display indicator when zero is reached. The alarm may be turned off or silenced automatically after 1 minute. For repetitive timing, a memory recalls a set time. A second display mode shows the time-of-day and a stopwatch for count-up timing. The timer automatically counts up from zero to indicate time since alarming. Large ½ in.-high digits may be read from 10 ft. away. Use it flat or in the flip-open stand position with the clip and magnet. Includes AAA battery, providing 2 years of normal usage. A certificate is provided to indicate instrument traceability to standards provided by the N.I.S.T. Calibrated by an ISO/IEC 17025 calibration laboratory accredited by A2LA.

Cat. No.	Description	Qty.
C6510-31	Traceable® double display timer	1/ea

Traceable® Fingertip Countdown Timer

Everyone in your lab will enjoy using the Traceable® fingertip timer. Repeat memory function for repetitive tests. It counts down from 99 minutes, 59 seconds in 1 second increments. Memory retains last programmed time automatically and eliminates the need to re-enter repetitive test times. Alarm can be silenced manually or turns off automatically after 30 seconds. The handy-sized timer (1³⁄₁₆ x 3½ x ½ in.) weighs only 1.2 oz. Supplied with a two-year silver oxide battery, magnet, hook-and-loop fastener and an ISO/IEC 17025 individually-serial-numbered Traceable® certificate to indicate instrument traceability to standards provided by N.I.S.T.

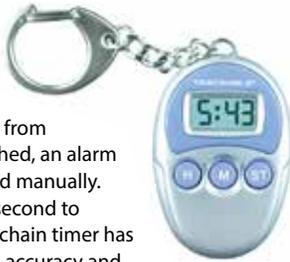| Cat. No.	Description	Qty.
C6510-6	Traceable® fingertip countdown timer	1/ea

Traceable® Jumbo-Digit Timer

Traceable® jumbo-digit timers offer precise timing with resolution of 1 second and accuracy of 0.01%. These portable countdown alarm timers can be set for 1 second to 24 hours. Allows simultaneous programming of two different activities. Each channel has a distinct electronic alarm and display indicator that activates when the timer reaches zero. The alarm can be turned off, or it is automatically silenced after 1 minute. There is also a time-of-day and stopwatch dual display. Or you can use the memory function to recall last countdown times for repetitive tests. The digits are 1 in.-high and readable from 20 ft. The timers may be used flat, in the sit-up position or may be wall-mounted with a supplied bracket. AAA battery included. An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions (W x H x D): 3¾ x 5½ x ½ in. Wt. 5 oz.

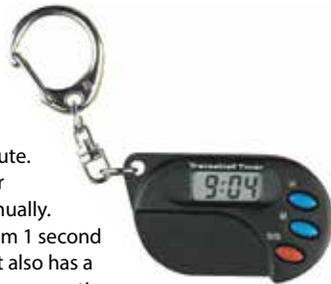| Cat. No.	Description	Qty.
C6511-1	Black	1/ea
C6511-2	White	1/ea

Traceable® Key-Chain Timer

This portable key-chain timer has a large, four-digit LCD that shows time remaining in hours and minutes. You can program it in the countdown mode from 20 hours to 1 minute. When zero is reached, an alarm sounds for 60 seconds or can be silenced manually. In the stopwatch mode it times from 1 second to 20 minutes, then repeats itself. The key-chain timer has a rugged ABS case, quartz crystal 0.01% accuracy and a 1½-year, continuous-use replaceable silver oxide battery. The timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025-certified lab), which documents traceability to N.I.S.T. standards. Dimensions (W x H x D): 1½ x 2 x ¾ in. Wt. ¾ oz.

Cat. No.	Description	Qty.
C6515-4	Traceable® key-chain timer	1/ea

Traceable® Pocket Timer

This pocket timer has a four-digit LCD display that always shows the time remaining in hours and minutes. Program it in 1-minute increments from 20 hours to 1 minute. At zero, a beeping alarm sounds for 60 seconds or may be silenced manually. In the stopwatch mode, it times from 1 second to 20 minutes and then rolls over. It also has a time-out feature in both up and down counting. Digits are ⅓ in.-high for ease in viewing. The timer includes a rugged chemical-resistant ABS case, keychain and 1½-year continuous-use replaceable silver oxide battery. A certificate is provided to indicate instrument traceability to standards provided by the N.I.S.T. Calibrated by an ISO/IEC 17025 calibration laboratory accredited by A2LA.

Cat. No.	Description	Qty.
C6510-30	Traceable® pocket timer	1/ea

Traceable® is a registered trademark of Control Company.

Traceable® Lab-Top Timer

This lab-top timer counts down from 24 hours to 1 second, in second increments, with an accuracy of 0.01%. Its memory chip allows programming an "instant replay" repeat time, which appears on the display at the touch of a key. Memory time is locked in until changed. An LCD screen is designed for viewing at any angle. Timer also features a stopwatch mode and time-of-day clock. Timer is supplied with AA battery and includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025 certified lab), which documents traceability to N.I.S.T. standards. Dimensions (W x H x D): 3¼ x 3¼ x ¾ in. Wt. 4 oz.

Cat. No.	Description	Qty.
C6510-25	Traceable® lab-top timer	1/ea

Traceable® Memory Alarm Timer

This Traceable® alarm timer includes a memory that will retain the setting. You can program it to count down from 24 hours to 1 minute in 1-minute increments. Accuracy is 0.01%. Bright ⅓ in.-high LCD digits read in hours, minutes and seconds (seconds displayed during the last 10 minutes). Loud, beeping alarm can be turned off manually or is silenced automatically after 1 minute. Three-button operation makes it simple to use. Pocket-size unit has a clip, magnet and stand for flexibility. Supplied with a two-year, replaceable silver oxide battery. An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Dimensions (W x D x H): 2.35 x 0.85 x 2.6 in. Wt. 1 oz.

Cat. No.	Description	Qty.
C6510-10	Traceable® memory alarm timer	1/ea

Traceable® Mini-Alarm Timer/Stopwatch

This Traceable® mini-alarm timer/stopwatch has an extra-large, four-digit LCD that can be read from 8 ft. away. You can program it in the countdown mode from 99 minutes, 99 seconds to zero in any second increment. In the stopwatch mode, the unit will count up to 59 minutes, 59 seconds and automatically roll over to zero and continue timing. The high-decibel alarm can be turned off manually or is automatically silenced after 1 minute. Individually-numbered keys make it easy for you to set the timer.

The timer is accurate to 0.01%. A magnetic back allows timer to be placed on incubators, titrators and most lab equipment. It also has a flip-open easel for standing on the lab bench, a spring fastener for clipping to a lab coat and a hole for a lanyard. The timer comes with a two-year, continuous-use silver oxide battery. The timer is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Dimensions (W x H x D): 2½ x 2¼ x ½ in. Wt. 1½ oz.

Cat. No.	Description	Qty.
C6510-12	Traceable® mini-alarm timer/stopwatch	1/ea

General Supplies

General Supplies

Timers and Stopwatches

Traceable® Quality Control Timer

This countdown and alarm timer combines three-button operation with large-size digits for easy viewing. Times may be set up to 20 hours in any minute increment. At zero, a 1-minute alarm sounds. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025 certified lab), which documents traceability to N.I.S.T. standards. Dimensions (H x W x D): 3½ x 2 x ½ in. Wt. 2 oz.

Cat. No.	Description	Qty.
C6510-21	Traceable® quality control timer	1/ea

Traceable® 100-Hour Timer

This four-channel timer can time up or down to 99 hours, 59 minutes, 59 seconds with 0.01% accuracy, act as a stopwatch and give accurate time-of-day. A large LCD continuously shows time remaining. An alarm can be turned off manually or automatically silences after 1 minute and a "time is up" message flashes on the display. A magnetic back allows you to place the timer on lab equipment, or you can use the flip-open stand, spring fastener or lanyard hole. The timer is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. One-year warranty. Dimensions (W x H x D): 2¾ x 2⅜ x ⅝ in. Wt. 1.5 oz.

Cat. No.	Description	Qty.
C6510-4	Traceable® six-channel 100-hour timer	1/ea

Traceable® Tie Timer™ Timer

Traceable® Tie Timer™ timer is always conveniently on hand when you wear it around your neck with a 36 in. lanyard. The 0.45 in.-high digits are easy to read, even with your glasses off. Use it to count down and sound an alarm from 23 hours, 59 minutes, 59 seconds to 1 second. A single touch of the memory key lets you instantly replay the previous timing for repetitive testing. The memory does not change until you reprogram the timer, which will save you the trouble of constantly resetting the countdown time.

The unit also has a stopwatch feature and a time-of-day display. An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. One-year battery included. Size: 1⅛ dia. x 2⅞ in. L.

Tie Timer™ is a trademark of Control Company.

Cat. No.	Description	Qty.
C6510-20	Traceable® Tie Timer™ timer	1/ea

Traceable® is a registered trademark of Control Company.

Traceable® Three-Channel Alarm Timer

Traceable® three-channel timer displays three different times simultaneously, counts down and sounds an alarm. It's also a stopwatch and a time-of-day clock. Three different tests may be run at the same time using the three-line display. Channels can be started individually or simultaneously. Program each channel from 1 second to 99 hours 59 minutes 59 seconds. When zero is reached, an alarm sounds, a "Time's Up" message flashes on the display and timer begins counting up.

Adjustable alarm volume allows setting the timer to high decibel for noisy areas or low for quiet environments. Alarm can be set to silence automatically after 1 minute or to sound continuously until turned off. Memories return the display to the previously programmed time at the touch of a button. Rubber feet make it ideal for benchtop use. Battery provides 1 year of continuous running with nominal use. Supplied with an ISO/IEC 17025 individual N.I.S.T. Traceable® certificate to provide the accurate timing assurance demanded by government regulations and ISO 9000 requirements. AAA alkaline battery included. Case is chemical-resistant ABS plastic. Dimensions (W x H x D): 3¼ x 3 x 1 in. Wt. 3 oz.

Cat. No.	Description	Qty.
C6510-1	Traceable® 3-channel alarm timer	1/ea

Traceable® Three-Line Alarm Timer

This three-line timer allows you to start three different timings concurrently or individually to count down from 99 hours, 59 minutes, 59 seconds to 1 second. When the timer reaches zero, it sounds an alarm, displays a "time's up" notice and begins counting up. The unit's memories will return the digits to the previously programmed time, making it ideal for a group of repetitive tests. You can also use the timer as three stopwatches or for any combination of up/down timing.

An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. The unit also includes chemical-resistant ABS plastic casing, magnetic back with easel stand ideal for mounting on equipment and silver oxide battery that is good for two-year use. Dimensions (H x W x D): 3¼ x 2¾ x ½ in. Wt. 3 oz.

Cat. No.	Description	Qty.
C6510-26	Traceable® three-line alarm timer	1/ea

General Supplies

Traceable® Triple-Display Timer

Traceable® Triple-Display timer displays three test lines of ½ in. digits that can be read from across your lab. You can set times from 19 hours, 59 minutes, 59 seconds to 1 second. When zero is reached, the timer starts counting up to show the lapsed time since the alarm sounded. Additional features of this timer include stopwatch, time-out and time of day. You can program the timer for three different countdown times that can be started simultaneously or separately.

Repetitive tests can be done easily because the memory returns the display to the previously programmed countdown time at the touch of a button. The high-decibel alarm may be turned off manually or is automatically silenced after 1 minute. A magnetic back allows timer to be placed on incubators, titrators and most lab equipment. The timer comes with a two-year AAA battery and is supplied with an ISO/IEC 17025 serial-numbered certificate to indicate traceability to standards provided by N.I.S.T. Dimensions (W x H x D): 2½ x 3⅜ x ⅞ in. Wt. 3 oz.

Cat. No.	Description	Qty.
C6510-11	Traceable® triple-display timer	1/ea

Traceable® Triple-Purpose Timer

Choose the triple-purpose timer for its versatility as a countdown timer, stopwatch and time-of-day clock. It features ¾ in.-high digits that you can view from up to 20 ft. away. A loud high-decibel alarm will sound for 1 minute when timing period is over. Excellent for repetitive tests, the unit's memory automatically returns the display to the original time programmed after each run. The timer can count down or up to 9 hours, 59 minutes, 59 seconds. 0.01% timing accuracy. Full keyboard makes time entry especially fast.

An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T. Also includes a two-year AAA battery, a magnet on back for convenient mounting to equipment and a stand.

Cat. No.	Description	Qty.
C6510-22	Traceable® triple-purpose timer	1/ea

Traceable® Two-Memory Timer

Use this timer to perform countless repetitive tests or two tests at once. Its two countdown timing channels may be started simultaneously and set to recall a specific time. As each countdown time expires, an alarm sounds and a visual "Time's Up" message appears. At zero, the display will begin counting up. Timer may be set in hours/minutes/seconds to 23 hours, 59 minutes, 59 seconds. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025-certified lab), which documents traceability to N.I.S.T. standards. Magnet, flip-open stand and clip are also included. Dimensions (W x H x D): 2¾ x 2⅛ x ⅞ in. Wt. 1.9 oz.

Cat. No.	Description	Qty.
C6510-24	Traceable® two-memory timer	1/ea

Traceable® Jumbo-Digit Stopwatch

Traceable® Jumbo-Digit stopwatch has ½ in.-high digits to provide ease in reading. It times to 24 hours. Timing resolution is ¹⁄₁₀₀ of a second for the first 30 minutes; the stopwatch continues timing to 23 hours, 59 minutes, 59 seconds with a 1-second resolution. The stopwatch also features single-action, time-out, cumulative-split and continuous timing. As a chronograph, it displays the time-of-day in hours, minutes and seconds and in a.m./p.m., plus it also shows date and day of the week and has a time-of-day alarm. Its O-ring-sealed ABS plastic case is water- and shock-resistant and has nonslip rubber sides, making it ideal for lab and plant use.

The stopwatch is supplied with a detachable clip for clipping onto notebooks or clipboards, VELCRO® mounting strips, battery and lanyard. To assure accuracy, an individually-serial-numbered Traceable® certificate is provided from an ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to N.I.S.T. standards.

VELCRO® is a registered trademark of Velcro Industries B.V.

Cat. No.	Description	Qty.
C6520-2	Traceable® jumbo-digit stopwatch	1/ea

Traceable® Stopwatch/Repeat Timer

Universal stopwatch provides repeat function of countdown alarm timing. Set countdown time from 10 hours to ¹⁄₁₀ of a second. When zero is reached, timer alarms and repeats countdown from the programmed time. Repeat cycle automatically continues until stopped. Display count-box shows how many times the cycle has been repeated. LCD screen continually displays time remaining to zero. The ideal stopwatch to dedicate to an analysis that must be noted at routine intervals. Resolution is 0.01 second. Provides stopwatch functions of single-action, time in/out, cumulative-split, interval-split, eight memories and continuous timing. Accuracy is 0.001%.

To assure accuracy, an individually-serial-numbered Traceable® certificate is provided from a ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T. Supplied with two-year battery, Traceable® certificate and lanyard. ABS plastic shockproof case. Dimensions (W x H x D): 2⅜ x 2⅜ x ½ in. Wt. 1¾ oz.

Cat. No.	Description	Qty.
C6520-4	Traceable® stopwatch/repeat timer	1/ea

Traceable® is a registered trademark of Control Company.

General Supplies

General Supplies

Timers and Stopwatches/Wipes and Liners

Traceable® Three-Button Stopwatch

Use this lightweight stopwatch for all your timing needs when high precision is not a requirement. It times to 24 hours with a resolution of ¹⁄₁₀₀ of a second for 30 minutes and 1 second thereafter. Functions include start/stop, time-out, cumulative split and continuous roll-over timing. Stopwatch displays time and date and provides a sound confirmation each time you press a button. Accuracy is 0.1%. Supplied with a Traceable® certificate, battery and 38 in. lanyard. Dimensions: ⅝ x 2⅛ in. diameter. Wt. 0.95 oz.

Cat. No.	Description	Qty.
C6520-1	Traceable® three-button stopwatch	1/ea

Traceable® Water-and Shock-Resistant Stopwatch

This Traceable® water- and shock-resistant stopwatch times to 24 hours. It features single-action, time-out, cumulative split and continuous timing. Resolution is ¹⁄₁₀₀ of a second for the first 30 minutes, then continues timing to 23 hours, 59 minutes, 59 seconds with a 1-second resolution. Quartz crystal accuracy is 0.01%. The water-resistant, O-ring-sealed, shock-resistant ABS plastic case is ideal for lab and plant use. As a chronograph, the stopwatch displays time-of-day in hours, minutes and seconds as well as a.m./p.m., date and day of the week. It also features a time-of-day alarm and comes with a two-year silver oxide battery and lanyard. Timer includes a Traceable® certificate (issued by an A2LA-accredited, ISO/IEC 17025-certified lab), which documents traceability to N.I.S.T. standards. One-year warranty. Dimensions (W x H x D): 2⅛ x 2⅜ x ½ in. Wt. 1 oz.

Cat. No.	Description	Qty.
C6525-3	Water- and shock-resistant stopwatch	1/ea

Traceable® Waterproof/Shockproof Stopwatch

This general-purpose LCD digital stopwatch times to 24 hours and features single-action, time-out, cumulative-split and continuous timing. Timing resolution is ¹⁄₁₀₀ of a second for the first 30 minutes, then continues timing to 23 hours, 59 minutes, 59 seconds with a 1-second resolution. The timer has an O-ring-sealed and shock-resistant ABS plastic case that is ideal for lab and plant use. It is waterproof to three atmospheres and has tactile-feel click switches that provide a positive action. As a chronograph, the stopwatch displays time-of-day in hours, minutes and seconds, a.m./p.m., date and day of the week. It also has a time-of-day alarm. Accuracy is 0.01%. Digits are ¼ in.-high. Dimensions (W x H x D): 2⅛ x 2⅛ x ½ in. and weighs 1 oz. Supplied with a two-year "always-on" battery and lanyard. An individually-serial-numbered Traceable® certificate is provided from an ISO/IEC 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by N.I.S.T.

Cat. No.	Description	Qty.
C6521	Waterproof/shockproof stopwatch	1/ea

Traceable® is a registered trademark of Control Company.

Clear Plastic Wrap

This clear plastic wrap is specifically designed for the lab. It has low tangle properties to ensure that it does not ball up while handling. It also has high cling properties to enable wrapping a beaker, flask or petri dish with an extraordinary tight seal that stays in place. The distinctive proprietary formulation yields ultra-clean film to ensure sample purity and help eliminate contamination. The carton has a metal tear-off bar for ease in achieving the exact size needed and flaps to prevent the roll from leaving the box. Plastic wrap is made of 100% polyethylene. Size (W x L): 12 in. x 100 ft.

Cat. No.	Description	Qty.
B2506	Clear plastic wrap	1/ea

Bio-Check™ Biohazard Wipes and Benchtop Liners

These wipes are specially designed to help protect against transmission of blood and body fluid-borne diseases. White side of wipe is low-linting and soaks up blood, body fluids and chemicals. Bright orange barrier side is made of co-extruded plastic that prevents soak-through to gloves and hands, limiting the spread of contamination; orange backing is also impermeable to strong solvents, including xylene and xylene substitutes, acetone, ketones, alcohols and formalin. Use wipes to pop caps off blood tubes, wipe pipettes and probes and handle blood tubes.

Bio-Check™ liners are used to line benches, prep stands, fume hoods, specimen collection areas, counters and trays. Liners and wipes also are useful to wrap around specimens in pneumatic tube systems to minimize splash and mess when specimens break or explode. Liners are available in various sizes, including 100 ft. long rolls, which can be cut to size and as precut bench liners. Absorbent wipes and liners are available in three absorbencies: standard, heavy (ET) and super. Standard absorbent wipe absorbs 9 times its weight. Heavy (ET) absorbent wipe absorbs 12 times its weight. Super absorbent wipe absorbs 25 times its weight. Dispensers are sold separately. Wipes and liners are non-sterile and not intended for use on patients.

Cat. No.	Description	Qty.
Standard absorbent wipes		
A9494-1	3 x 3 in.	2,000/cs
A9494-2	4 x 4 in.	2,000/cs
A9494-3	16 in. x 100 ft.	2 rl/cs
Standard absorbent wipes, 130 per dispenser		
A9494-5	4 x 4 in.	4 disp/cs
Super absorbent wipes		
A9495-1	3 x 3 in.	1,800/cs
A9495-2	4 x 4 in	1,800/cs
A9495-3	8 x 9 in	360/cs
A9495-4	16 in. x 100 ft.	2 rl/cs
Super absorbent wipes, 50 per dispenser		
A9495-9	4 x 4 in.	4 disp/cs

The perfect solution for oral glucose tolerance testing.

GlucoCrush™ is a non-carbonated drink used in conjunction with diagnostic assays to screen for diabetes mellitus, gestational diabetes in pregnant women and hypoglycemia.

GlucoCrush™

- Brominated Vegetable Oil Free (BVO) - Lemon Lime and Orange
- Caffeine, Dairy, and Gluten Free
- Certified Kosher
- Free of Food Dyes - Lemon Lime Only
- Manufactured according to WHO and ADA Standards

GLUCOCRUSH is a trademark of Nerl Diagnostics Corporation.

Cat. No.	Description	Qty.
B2495-7C	Orange - 50g	6/pk, 4 pk/cs
B2495-6B	Orange - 75g	6/pk, 4 pk/cs
B2495-4B	Orange - 100g	6/pk, 4 pk/cs
B2495-9B	Lemon-lime - 50g	6/pk, 4 pk/cs
JB2495-3B	Lemon-lime - 75g	6/pk, 4 pk/cs
B2495-2B	Lemon-lime - 100g	6/pk, 4 pk/cs
B2495-1C	Fruit Punch - 50g	6/pk, 4 pk/cs
JB2495-10B	Fruit Punch - 75g	6/pk, 4 pk/cs
B2495-5B	Fruit Punch - 100g	6/pk, 4 pk/cs

Glucose Tolerance

Hematology

Anticoagulant/Hemacytometers

Sequester-Sol® Anticoagulant

Sequester-Sol® anticoagulant is an aqueous solution of dipotassium EDTA (ethylene diamine tetra-acetate), a stable sequestering agent, readily soluble with blood. Suitable for most hematology and blood chemistry tests, you can obtain complete blood counts, as well as blood smears for staining, within 48 hours after collection without distortion of the cellular constituents. Sequester-Sol® solution stabilizes most chemical constituents of blood (including cellular) until complete analysis is performed. The solution is packaged in a convenient squeezable plastic bottle with a dropper tip for accurate dispensing. One drop per 5mL of blood. Available in 1 fl. oz. – 29.5mL bottle.

Sequester-Sol® is a registered trademark of Cambridge Diagnostic Products, Inc.

Cat. No.	Description	Qty.
B2948	Sequester-Sol® anticoagulant	1/ea

Phase Counting Chamber

This phase counting chamber is recommended for platelet count by the phase contrast method. The chamber has improved Neubauer rulings and a "V" at the loading end for easy loading. Two cover glasses are included. Instructions are enclosed.

Cat. No.	Description	Qty.
B3192-1	Phase counting chamber	1/ea

Hemacytometers with "V" Load System

The counting chambers of these hemacytometers have a metallized surface. Brightly illuminated lines for easy viewing. Two improved Neubauer rulings on each chamber are 0.1mm below the cover glass. A "V" loading system facilitates loading and cleaning. Coverslip thickness (5mm) provides durability. Instructions enclosed.

Cat. No.	Description	Qty.
B3178-1	Chamber and two coverslips	1/ea
B3178-2	Chamber only	1/ea
B3178-3	Chamber, two coverslips, one red pipette, one white pipette, one pipette filler and a case	1/ea

Westergren Sedimentation Rate

Dispette® Pipette and Reservoir

This plastic Westergren ESR tube with filling reservoir has a minimum internal bore of 2.55mm and is 238mm long. The uncapped blue filling reservoir does not contain saline diluent. Operators are required to add their own diluent (or anticoagulant) manually. The self-zeroing pipette features a triple-plugged overflow protection chamber to eliminate overfilling. Disposable ESR testing made in Switzerland.

1 pack contains 100 pipettes and reservoirs, sufficient for 100 ESR determinations.

Dispette® is a registered trademark of Guest Scientific AG.

Cat. No.	Description	Qty.
B4515-10	Dispette pipette	100/pk, 1,000/cs

Dispette® 2 ESR Test Kit

This plastic modified Westergren ESR test kit features capped filling reservoirs, prefilled with 0.25mL of 0.9% saline diluent, eliminating the need to pipette a diluent manually. For added safety, the closed (pierceable) cap remains in place while inserting tube.

The self-zeroing pipette features a triple-plugged overflow protection chamber to eliminate overfilling. After the ESR results have been recorded, the whole pipette and reservoir assembly is discarded without separation, saving time and providing an extra measure of safety.

Tube has a minimum internal bore of 2.55mm and is 238mm long. Results are available in 1 hour. Disposable ESR testing made in Switzerland.

1 pack contains 100 pipettes and prefilled reservoirs, sufficient for 100 ESR determinations.

Dispette® is a registered trademark of Guest Scientific AG.

Cat. No.	Description	Qty.
B4515-9	Dispette II ESR test kit	100/pk, 1,000/cs

Wright Stain Buffer

Wright stain buffer is for use with Wright stain B4136-1A and Wright stain fixative B4136-2A. It has a pH of 7.15. Ten 4.4g vials per package.

Cat. No.	Description	Qty.
B4136-3A	Wright stain buffer	10/pk

B4136-1A, stain　　　　*B4136-2A, fixative*

Wright Stain and Fixative

This Wright Stain has the concentration of stain optimum to give you accurate results when used on the Hemtrak™ WBC differential system and when used for manual staining. For use with Geometric Data's Hemtrak™ system and for manual staining of blood smears. Also good for any time-controlled, automated slide stainer. The plastic container is easy to store and allows convenient dispensing into slide stainer traps. Four 1 gal. containers per case.

Use Methanol fixative in automated and manual fixing of blood smears to glass slides prior to staining and where Methanol is used in staining processes for hematologic studies.

Hemtrak™ is a trademark of Geometric Data.

Cat. No.	Description	Qty.
B4136-1A	Stain - 1 gal.	4/cs
B4136-2A	Fixative - 1 gal.	4/cs
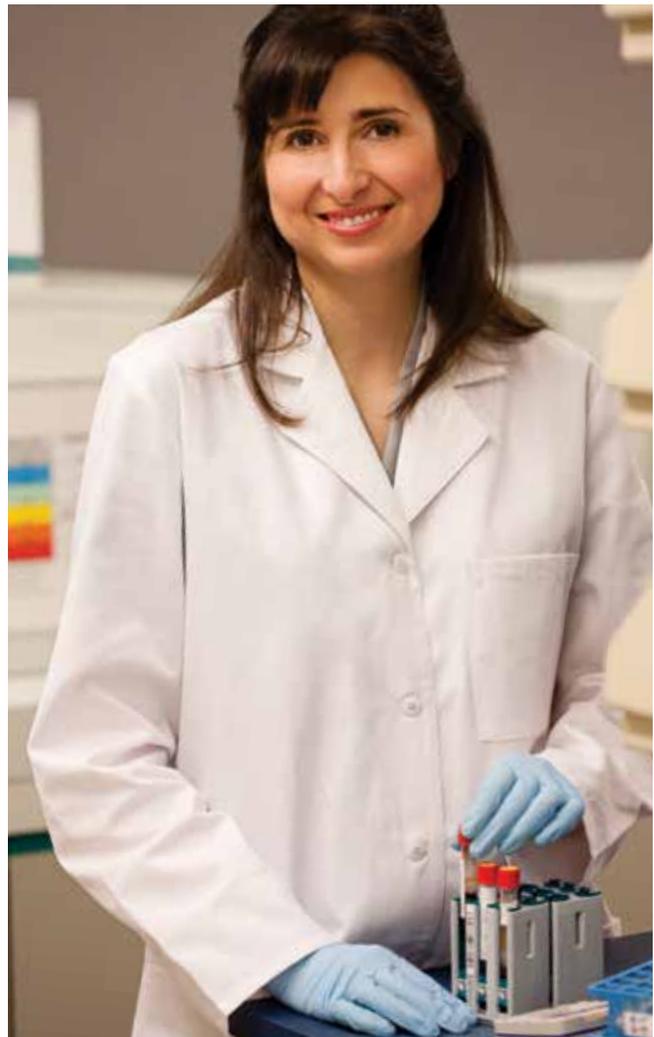
Expertise

Cardinal Health is an experienced, dependable partner that knows the lab business and solves problems.

- **60 years** of experience serving laboratories.

- **Dependable service,** with tenured representatives who are committed to understanding and attending to customers' needs.

- Sales representatives who help **educate** lab managers about their options with comparative information about different manufacturers and products.

- Specialty customer service team that manages **high-volume, high-value** and perishable materials.

- Extensive **supply chain and logistics** expertise.

Histological Reagents

Fixative/Buffered and Prefilled Formalin and Formaldehyde

Forma-Scent® Fixative

This Forma-Scent® fixative is for use in histological applications of fixation and storage of tissue specimens. Although the Forma-Scent® fixative masks formalin odor, fumes are still dangerous and should be avoided. Take caution to ensure formalin fumes are effectively removed from your work area. 5 gal. size is packaged in convenient Cubitainer® container. Not intended for use as a disinfectant.

Cubitainer® is a registered trademark of Hedwin Corporation.

Cat. No.	Description	Qty.
Buffered		
C4319-1B	1 gal.	4/cs
C4319-5B	5 gal.	1/ea
Unbuffered		
C4319-1	1 gal.	4/cs
C4319-5	5 gal.	1/ea

Buffered 10% Formalin

- Active ingredients: formaldehyde, USP, 4%. pH is 6.9 to 7.1
- Buffered with phosphate buffer
- Not intended for use as a disinfectant

Cat. No.	Description	Qty.
C4320-101	1 gal.	4/cs
C4320-105	5 gal.	1/ea
C4320-300	30 gal. drum	1/ea

Formaldehyde 37% Solution

- Do not freeze
- HCHO FW 30.03
- Flash point: approx. 62°C (142°F)
- Store at 15°C to 30°C
- Meets U.S.P. specifications
- Not intended for use as a disinfectant

Cat. No.	Description	Qty.
C4320	1 gal.	4/cs
C4320-5	5 gal.	1/ea

FormClick™ Prefilled Formalin Containers

FormClick™ Prefilled Formalin Containers provide a convenient way to collect, transport and store specimens. The leak-resistant seal with audible "clicking" sound assures the user of a complete closure. The secure seal helps to preserve sample integrity and reduce the risk of accidental infection. Available in two sizes with double locking mechanisms.

Cat. No.	Description	Qty.
CL20	20mL - one-click containers	32/pk, 4 pk/cs
CL40	40mL - double-click containers	24/pk, 2 pk/cs
CL60	60mL - double-click containers	36/pk, 2 pk/cs

Prefilled Formalin Containers

These clarified, polypropylene wide-mouth containers are flexible, crack-resistant and autoclavable and allow visualization of specimens. Select sizes are available with a pressure-sensitive inner seal that protects against leakage and reduces exposure to formalin vapors. Lid is ribbed for easy handling and the clear label lets you view the specimen. Containers are filled with 10% buffered formalin. Product is labeled with biohazard.

Cat. No.	Description	Fill	Qty.
With inner seal			
C4320-7.5B	15mL	7.5mL	100/pk
C4320-15B	30mL	15mL	100/pk
C4320-30B	60mL	30mL	50/pk
C4320-60B	120mL	60mL	50/pk
C4320-90B	180mL	90mL	50/pk
Without inner seal			
C4320-180B	360mL	180mL	24/pk
C4320-240B	480mL	240mL	24/pk
C4320-450B	900mL	450mL	12/pk

Specimen Handi Packs

- Prefilled with 10% buffered formalin
- Pressure-sensitive inner seal protects against leakage
- Labels have two unique patient identifiers

Cat. No.	Description	Qty.
C4320-10H	20mL handi pack	192/cs
C4320-20H	40mL handi pack	96/cs
C4320-30H	60mL handi pack	96/cs
C4320-45H	90mL handi pack	96/cs
C4320-60H	120mL handi pack	96/cs

Solvents

Acetone

- $(CH_3)_2CO$ FW 58.08
- Nonphotochemically reactive
- Flash point: -20°C (-4°F closed cup)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4300	1 gal.	4/cs
C4300-5	5 gal.	1/ea

AmeriClear™ Histology Clearing Solvent

AmeriClear™ histology clearing solvent is formulated to replace xylene in histological procedures. You can use it in processing, staining and removing paraffin. Nonflammable solution contains no xylene. Low-toxicity, all-organic compound. Flash point is 121°F.

Cat. No.	Description	Qty.
C4200-1	1 gal.	4/cs

Looking for a specific product?

If you know the catalog number of the product you need, you can use the Catalog Number Index to direct you to the correct page.

Histological Reagents

Solvents

Dehydrants
- Blend of ethyl, methyl and isopropyl alcohols
- Can be used as a dye or stain solvent
- Miscible with all clearing agents

Cat. No.	Description	Qty.
C4305-10	100% reagent-grade alcohol - 1 gal.	4/cs
C4305-12	95% reagent-grade alcohol - 1 gal.	4/cs
C4305-14	80% reagent-grade alcohol - 1 gal.	4/cs
C4305-9	70% reagent-grade alcohol - 1 gal.	4/cs

Denatured Proprietary Ethanol (Anhydrous)
- Flash point: 12.8°C (55°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4304	1 gal.	4/cs

Isopropyl Alcohol
- (2-Propanol) $CH_3CHOHCH_3$ FW 60.10
- Flash point: 12°C (53°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4307	1 gal.	4/cs
C4307-5	5 gal.	1/ea

Methanol
- CH_3OH FW 32.04
- Methanol-synthetic wood alcohol
- Nonphotochemically reactive
- Flash point: 12.2°C (54°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4324	1 gal.	4/cs
C4324-5	5 gal.	1/ea

Reagent Alcohol
- Nonphotochemically reactive
- Blend of ethyl, methyl and isopropyl alcohols
- Flash point is: 13°C (55°F)

Cat. No	Description	Qty.
C4305	1 gal.	4/cs

Toluene
- (Methanol Anhydrous)
- CH_3OH FW 32.04
- Methanol-synthetic wood alcohol
- Nonphotochemically reactive
- Flash point: 4°C (39.3°F)
- Store at 15°C to 30°C

Cat. No.	Description	Qty.
C4329	1 gal.	4/cs
C4329-5	5 gal.	1/ea

Xylene
- $C_6H_4(CH_3)_2$ FW 106.17
- Flash point: 27.7°C/82°F
- Boiling range: 137° to 144°C
- Store at 15° to 30°C

Cat. No.	Description	Qty.
C4330	1 gal.	4/cs
C4330-5	5 gal.	1/ea

Xylene-Free Aliphatic Clearing Reagent
- Solution contains no xylene
- Low-toxicity, all-organic compound
- Flash Point 40°C/104°F

Cat. No.	Description	Qty.
C4200-2	1 gal.	4/cs

Large Capacity Reach-In CO$_2$ Incubator

Temperature uniformity is absolutely critical for optimal culturing. This large capacity reach-in CO$_2$ incubator delivers optimum temperature uniformity and recovery even with large product loads and low output, heat-generating equipment in the chamber.

The unique directed horizontal laminar airflow system uses positive and negative pressures to direct air across the entire shelf surfaces, assuring a consistent flow of conditioned air for maximum temperature uniformity. The air feed plenum cannot be accidentally blocked by the chamber contents, leading to temperature variations that can damage the chamber's contents.

This large capacity reach-in CO$_2$ incubator is exceptionally simple to operate and loaded with valuable features that will serve you from day one. You don't need to purchase a range of expensive options to have a chamber that truly meets your needs. It's been designed with the primary features built-in.

Two-year parts and labor warranty. Limitations apply. See your instruction manual for full warranty terms and conditions.

Features:
- 29 cu. ft. of capacity—easy access to large-volume samples
- Standard remote alarm contacts—facilitates monitoring/alarm system to track chamber conditions
- Temperature uniformity for optimal culturing
- Enviro-Scan™ microprocessor message center—offers the freedom to control all critical parameters
- Stainless steel interior
- Heated solid door—minimizes condensation and protects light sensitive samples
- Three adjustable stainless steel shelves—easy-to-clean, corrosion resistant
- Swivel, locking casters—for easy unit installation and cleaning
- Adjustable rH system—three settings: low, medium and high
- Thermal conductivity (TC) sensors for accurate CO$_2$ monitoring

Specifications:

Temperature
Control . . . . ±0.1°C
Range . . . . 5°C above ambient to 60°C (140°F)
Uniformity . . . . ±0.3°C @ 37°C (98.6°F)

CO$_2$
Control . . . . Better than ±0.1%
Range 0-20%
Readability and setability. 0.1%

Humidity
Selectable ranges . . . . Off, Medium >80%, High >90%

Stainless Steel Shelves
Dimensions . . . . 30.6 x 25.8 in.
Surface area . . . . 5.4 sq. ft.
Max. per chamber. . . . . 145.8 sq. ft.
Standard, maximum 3, 27

Electrical Requirements
Electrical. 115V, 50/60 Hz, 10.0 FLA (Operating range 90-125V includes voltage fluctuations)
Plug . . . . 115V: NEMA 5-15P Plug

Dimensions (W x H x D)
Exterior . . . . 38 x 80 x 33 in. F-B
Interior . . . . 31 x 60 x 27 in. F-B

Specifications are based on nominal voltages of 115V in ambients of 22°C to 25°C (71.6°F to 77°F). UL Listed to United States requirements.

Enviro-Scan™ is a trademark of Thermo Fisher Scientific Inc.

Cat. No.	Description	Qty.
CH3850	Large capacity reach-in CO$_2$ incubator	1/ea

Incubators

Incubators

Digital Incubators

Digital Incubators

With digital temperature control, these mini incubators provide convenient "set and walk away" operation, eliminating the need for external thermometers. Simply choose the desired temperature and the incubator immediately begins to heat up (or cool down, -HC model only) while accurately monitoring the chamber temperature and conveniently displaying the temperature in real time on the large LED control panel.

Despite a modest footprint of 13.2 x 14.5 in., these incubators feature large internal chambers capable of accommodating flasks and bottles up to 2 liters and two adjustable/removable shelves for increased capacity.

Specifications:

Temperature range (H) . . . . Ambient +1°C to 60°C

Temperature range (HC). . . . . Ambient -15°C to 60°C*

Temperature accuracy. . . . . 0.5°C (at 37°C)

Temperature uniformity . . . . ±1°C (at 37°C)

Temperature increments . . . . ±1°C

Dimensions (W x D x H) . . . . Exterior 13.2 x 14.5 x 18.7 in. (33.5 x 37 x 47.5cm)
Interior 10.3 x 9.3 x 12.8 in. (26 x 23.5 x 32.5cm)

Capacity 20L

Weight 15lbs. (6.5kg.)

Electrical. . . . . 100 - 240V, 50-60Hz

For example: minimum temperature is approximately 7°C in a room temperature environment of 22°C

Cat. No.	Description	Qty.
CH2200-H†	Heat only: ambient +1°C to 60°C, 115V	1/ea
CH2200-HC†	Heat and cool: ambient -15°C to 60°C	1/ea

† Includes US plug

Our focus is on
your lab.

Incubators

Color Mono Latex Test Kits

Use this color-enhanced agglutination test kit for the qualitative and semi-quantitative detection of heterophil antibodies in human serum associated with infectious mononucleosis. Results available in 2 minutes. You can perform the test using either human serum or EDTA plasma. Kit has a shelf life of up to 24 months from date of manufacture. Each kit contains dyed, color-enhanced horse erythrocyte reagent, reactive control, nonreactive control, 50 disposable stirrer pipettes and 6-well test cards.

Cat. No.	Description	Qty.
B1077-9	Color Mono latex test kit - 50 tests	1/ea

RF Latex Test Kits

These slide agglutination assay tests are used for the qualitative and semi-quantitative determination of rheumatoid factor in human serum. The simple, five-step procedure provides easy-to-read results in 2 minutes. No initial dilution of patient samples is required. Kits include RF latex reagent, reactive control, nonreactive control, 100 disposable stirrer pipettes and disposable cards. The latex reagent does not require additional preparation.

Cat. No.	Description	Qty.
B1077-19	RF latex test kit - 100 tests	1/ea
B1077-20	RF latex test kit - 1,000 tests	1/ea

RPR Syphilis Test Kits

Use RPR (rapid plasma reagin) macroscopic nontreponemal flocculation test kits for the qualitative and semi-quantitative detection of reagin antibodies in human serum. The macroscopic RPR carbon antigen enhances the visual discrimination between reactive and nonreactive results. Easy-to-interpret results are available in 8 minutes.

Each kit contains RPR carbon antigen, reactive control, weak reactive control, nonreactive control, a dropping bottle, a 20G dispensing needle, 10- or 30-well test cards and disposable stirrer pipettes. Kits have a shelf life of up to 24 months from date of manufacture. Only FDA cleared syphilis test available for diagnostic, blood screening and cadaveric screening for usage with the ASiManager-AT™ Nontreponemal Analyzer.

Cat. No.	Description	Qty.
B1077-12	RPR test kit - 100 tests - 10-well cards	1/ea
B1077-13	RPR test kit - 500 tests - 10-well cards	1/ea
B1077-14	RPR test kit - 5,000 tests - 30-well cards	1/ea

RPR Carbon Antigen

RPR (rapid plasma reagin) carbon antigen is intended for use in the qualitative and semi-quantitative detection of reagin antibodies in serum or plasma as a screening test in syphilis serology. The RPR carbon antigen is provided in screw cap vials (no glass ampules).

Cat. No.	Description	Qty.
B1077-64	RPR carbon antigen - 3 x 3mL	1/ea
B1077-63	RPR carbon antigen - 10mL	1/ea

Latex Agglutination Kits

Latex Agglutination Kits

Rubella/Staph

Rubella Latex Tests

Rubella latex test is a rapid latex particle agglutination test for the qualitative and semi-quantitative determination of rubella virus antibodies in serum. All testing materials needed to perform the test are included in each kit.

Excellent correlation with gold standard—Hemagglutination Inhibition Test (HAI). 8-minute protocol with easy-to-read results. Includes 3 levels of liquid controls and ready-to-use controls in dropper-tip vials for easy dispensing. Sensitivity of 1–2 IU/mL with undiluted serum; sensitivity of 10–20 IU/mL with 1:10 diluted serum. Specificity >99%. Shelf life of up to 18 months (from date of manufacture).

Cat. No.	Description	Qty.
B1077-16	Rubella latex test	30/bx
B1077-17	Rubella latex test	100/bx
B1077-18	Rubella latex test	500/bx

Staph Latex Tests

This staph latex test is a slide agglutination assay for the qualitative detection of coagulase (both clumping factor and protein A) to identify Staphylococcus aureus to the exclusion of other species of staphylococci. For use on pure culture samples suspected of being S. aureus. It detects methicillin-resistant S. aureus (MRSA) strains that produce clumping factor and protein A. All testing materials needed to perform the test are included in each kit.

Designed for 45-second, simple-to-interpret slide test results. Color-coded controls with dropper tip vials included in the kit. Can be used on live cultures from 5% sheep blood agar plates. 100% correlation with tube coagulase test. Shown to correlate 91% in one study[1] and 100% in another study[2] with the tube coagulase test. Storage requirement: 2 to 8°C. Shelf life of up to 12 months (from date of manufacture).

Cat. No.	Description	Qty.
B1077-50	Staph latex test	50/bx
B1077-15	Staph latex test	150/bx

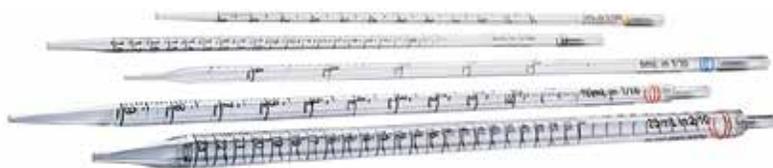[1]Miller JM, Miller JD, McAllister S. 1997. Presentation to the American Society for Microbiology. C-201.

[2]Aldridge KE, Kogos C, Sanders CV, Marier RL. 1984. Clin Microbiol, 19:703-704.

We help you
GET YOUR RESULTS

Latex Agglutination Kits

Disposable Plastic Serological Pipettes

These clean, sterile pipettes are calibrated to deliver with blowout and are packaged ready-to-use. They feature a uniform drawn or molded tip and molded, cotton-plugged top ends. Sharp, black ascending and descending graduations simplify fluid measuring and dispensing. Individually-wrapped pipettes come in paper/plastic packaging and are color-coded for easy size identification. Do not pipette by mouth. Use of a mechanical pipetting device is suggested.

Cat. No.	Description	Qty.
Individually-wrapped		
P4676-11X	±0.02mL	1,000/cs
P4676-12A	±0.04mL	500/cs
P4676-15	±0.10mL	200/cs
P4676-110	±0.20mL	200/cs
P4676-25	±0.50mL	200/cs
Multipack		
P4676-1X	±0.02mL	1,000/cs
P4676-2	±0.04mL	500/cs
P4676-5	±0.10mL	500/cs
P4676-10A	±0.20mL	500/cs
P4676-7	±0.50mL	200/cs

Transfer Pipettes

Easily perform routine sampling of serum or plasma. This one-piece design features a built-in pipette bulb that allows controlled drawing and dispensing of liquids in drop form. Made of durable low-density polyethylene plastic, transfer pipettes can be frozen in liquid nitrogen or heat sealed for storage. They are well-suited for many uses around the lab. Available in assorted sizes; non-sterile and sterile.

Cat. No.	Description	Length	Qty.
Nonsterile			
CH5214-11	3.9mL - small bulb graduated to 0.25, 0.50, 0.75 and 1mL	5.51 in.	500/bx, 10 bx/cs
CH5214-5B	4mL, blood bank-PET	5.07 in.	400/bx, 10 bx/cs
CH5214-18	4.8mL - blood bank-PET, graduated to 0.5, 1, 1.5 and 2mL	6.0	500/bx, 10 bx/cs
CH5214-30	5mL, blood bank-PET	6.07 in.	500/bx, 10 bx/cs
CH5214-13	5.8mL, standard bulb, fine tip	5.81 in.	500/bx, 10 bx/cs
CH5214-12	5.8mL, large bulb graduated to 0.25, 0.50, 0.75 and 1mL	6.12 in.	500/bx, 10 bx/cs
CH5214-33	7.5mL, large bulb graduated to 0.5, 1, 1.5, 2, 2.5 and 3mL	6.11 in.	500/bx, 10 bx/cs
P5214-10V	7.7mL, large bulb	6.11 in.	500/bx, 10 bx/cs
Sterile			
CH5214-20S	5.8mL, large bulb, graduated to 0.25, 0.50, 0.75 and 1mL	6.12 in.	20/bg, 25 bg/bx, 8 bx/cs
CH5214-1S	5.8mL, large bulb, individually wrapped graduated to 0.25, 0.50, 0.75 and 1mL	6.12 in.	500/bx, 8 bx/cs
CH5214-10S	7.7mL, large bulb, individually wrapped	6.11 in.	500/bx, 8 bx/cs

Liquid Handling

Pipette Tips and Accessories

AccuTip® 2⅝ in. Gel-Loading Pipettor Tips

AccuTip® round gel-loading microcapillary tips have a 1 to 200µL capacity. Natural color tips are for use with DNA sequencing, loading electrophoresis gels and other critical sampling applications. Tips are compatible with Pipetman®, the Biohit Proline®, Eppendorf®, the Jencons Sealpette®, Oxford® BenchMate®, Costar®, Finnpipette®, Socorex and Titertek® digital pipettors. 68mm L x 0.6mm O.D.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Pipetman® is a registered trademark of Gilson, Inc.

Biohit Proline® is a registered trademark of Biohit Oyj.

Jencons Sealpette® is a registered trademark of Jencons Scientific Limited.

Oxford® and BenchMate® are registered trademarks of Oxford Instruments.

Costar® is a registered trademark of Corning, Inc.

Finnpipette® is a registered trademark of Thermo Fisher Scientific.

Titertek® is a registered trademark of ICN Biomedicals, Inc.

Cat. No.	Description	Qty.
Nonsterile		
P5049-34	Bulk pack	1,000/pk
P5049-35	5 racks of 204	1,020/pk, 5,100/cs
Sterile		
P5049-36	5 racks of 204	1,020/pk, 5,100/cs

AccuTip® 2¾ in. Nonfilter Pipettor Tips

AccuTip® nonfilter pipettor tips have a 101 to 1,000µL capacity. Nonsiliconized, with reference marks. Blue or natural color. Each package contains 1,000 pipettor tips. Cannot be used with MLA large-volume pipettors.

Cat. No.	Description	Qty.
Blue		
P5049-2	Bulk pack	10,000/cs
P5049-3	10 racks of 100 each	5,000/cs
P5049-4	Sterile, 10 racks of 100 each	5,000/cs
P5049-5	Stack rack, 2 stacks of 500	5,000/cs
Natural		
P5049-6	Bulk pack	10,000/cs
P5049-7	10 racks of 100 each	5,000/cs
P5049-8	Sterile, 10 racks of 100 each	5,000/cs
P5049-9	Stack rack, 2 stacks of 500	5,000/cs

AccuTip® Extended-Length 3½ in. Pipettor Tips

These extended-length natural color pipettor tips have a 1 to 200µL capacity. They are designed to reach the bottom of long tubes and to access restricted sample areas. Tips are compatible with Eppendorf®, Finnpipette®, MLA (up to 200µL), Pipetman® and Oxford® BenchMate® pipettors.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Finnpipette® is a registered trademark of Thermo Fisher Scientific.

Pipetman® is a registered trademark of Gilson, Inc.

Oxford® and BenchMate® are registered trademarks of Oxford Instruments.

Cat. No.	Description	Qty.
P5049-31	Nonsterile, bulk pack	1,000/pk, 5,000/cs
P5049-32	Nonsterile, 8 racks of 204	1,632/pk, 4,896/cs
P5049-33	Sterile, 8 racks of 204	1,632/pk, 4,896/cs

AccuTip® 4 in. Nonfilter Pipettor Tips

These nonfilter natural color pipettor tips have a 100 to 1,000µL capacity. It is compatible with Biohit® and Clay Adams™ Selectapette™ pipettors. Nonsterile. Bulk packaged.

Clay Adams Selectapette™ is a trademark of Becton, Dickinson and Co.

Biohit® is a registered trademark of Biohit Oyj.

Cat. No.	Description	Qty.
P5049-19	Nonfilter pipettor tip	500/pk, 10 pk/cs

AccuTip® SlimLine Nonfilter Pipettor Tips

AccuTip® SlimLine pipettor tip has a 1 to 200µL capacity with 2⁹⁄₁₆ in. length. Tip is compatible with Oxford® P-3000 and P-7000 and Helena® pipettors. Nonsterile.

Oxford® is a registered trademark of Sherwood Services AG.

Helena® is a registered trademark of Helena Laboratories.

Cat. No.	Description	Qty.
P5049-16	AccuTip® SlimLine nonfilter pipettor tip	500/pk, 10 pk/cs

Dispensing Tips

These dispensing tips provide you with accurate and precise repetitive sample delivery when you use them with the Repeater® pipettor. The refillable, disposable sample reservoir holds up to 48 dispensings and helps eliminate contamination of the pipettor and carryover between samples. Tips from 0.5 to 50mL are polypropylene and polyethylene for strong chemical resistance. The 0.05mL size consists of a polypropylene barrel with a stainless steel piston and is for use with Eppendorf® ultramicro tips.

Eppendorf® is a registered trademark of Eppendorf Netheler-Hinz GmbH.

Repeater® is a registered trademark of Brinkmann Instruments, Inc.

Cat. No.	Description	Qty.
Nonsterile dispensing tips		
P5061-100	0.05mL	100/pk
P5061-102	0.5mL	100/pk
P5061-103	1.25mL	100/pk
P5061-104	2.5mL	100/pk
P5061-105	5mL	100/pk
P5061-106	12.5mL	100/pk
P5061-107*	25mL	100/pk
P5061-108*	50mL	100/pk
Sterile dispensing tips		
P5061-109	0.5mL	100/pk
P5061-110	1.25mL	100/pk
P5061-111	2.5mL	100/pk
P5061-112	5mL	100/pk
P5061-113	12.5mL	100/pk
P5061-114*	25mL	100/pk
P5061-115*	50mL	100/pk

*Requires adapter

Filtered Pipette Tips

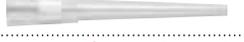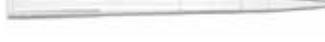|	Cat. No.	Description	Packaging	Color	Qty.
	CHTF113-20	Beveled tip, 2-20 µL	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF113100	Beveled tip, 10-100 µL	Racked sterile	Natural	1,000/pk, 10 pk/cs
	P5049-38	Extended length, 200 µL, Eppendorf fit	Racked sterile	Natural	800/pk, 5 pk/cs
	P5049-40	Extended length, 200 µL	Racked sterile	Natural	800/pk, 5 pk/cs
	P5048-31A	Finepoint tip, 100 µL, extra long	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF118200	Large orifice tip, 20–200 µL, graduated at 50, 100, 200µL	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF112G	Large orifice tip 100–1,000 µL, extended length graduated at 100, 200, 500, 1,000µL	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF102-10	Micropoint tip, 0.1-10 µL, extended length, graduated at 2, 5, 10, 20 µL	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTFA10410	Micropoint tip, 0.1-10 µL, ultra micro, graduated at 2 µL	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF114-10	Micropoint crystal tip, 0.1-10 µL, ultra micro, Eppendorf fit	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF114-20	Micropoint crystal tip, 0.1–20 µL, ultra micro, Eppendorf fit	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF140200	Micropoint tip, 20-200 µL, low retention, graduated at 10, 50, 100, 200 µL	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTF112100	Micropoint tip, 100-1000 µL, extended length, graduated at 100, 200, 500, 1000 µL	Racked sterile	Natural	960/pk, 5 pk/cs

Liquid Handling

Pipette Tips and Accessories

Macro Volume Tips

	Cat. No.	Description	Packaging	Color	Qty.
	P5048-42	200-1000 µL, specific fits for MLA	Bulk	Natural	750/pk, 10 pk/cs
	P5048-43	200-1000 µL, specific fits for MLA	Stack rack	Natural	600/pk, 10 pk/cs
	P5049-24	500-2500 µL, specific fits for Eppendorf	Bulk	Natural	5 pk/cs
	P5049-26	1000-5000 µL, specific fits for Gilson	Bulk	Natural	250/pk, 10 pk/cs
	P5049-25	5000 µL, specific fits for Eppendorf and Biohit	Bulk	Natural	250/pk, 10 pk/cs
	P5049-27	1-10mL, specific fits for Gilson	Bulk	Natural	200/pk, 10 pk/cs

Specialty Tips

	Cat. No.	Description	Packaging	Color	Qty.
Large orifice tip, low adhesion, ID 1.5mm					
	CH118-N	1-200 µL, nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT118R	1-200 µL, nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT118RS	1-200 µL, sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Filtered large orifice tip, low adhesion, ID 1.5mm					
	CHTF118200	20–200 µL, filtered sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Large orifice tip, low adhesion, graduated at 100, 200, 500, 1000 µL, ID 1.5mm					
	CH112NXG	100-1250 µL, nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CH112NXGR	100-1250 µL, nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CH112NXGRS	100-1250 µL, sterile	Racked sterile	Natural	960/pk, 5 pk/cs
Filtered large orifice tip, low adhesion, graduated at 100, 200, 500, 1000 µL, ID 1.5mm					
	CHTF112G	100-1000 µL, filtered sterile	Racked sterile	Natural	960/pk, 5 pk/cs

Standard Pipette Tips

These tips are non-filtered.

Bulk packaging   *Racked packaging*   *Racked sterile packaging*   *Reload packaging*

	Cat. No.	Description	Packaging	Color	Qty.
Beveled tip, 1-200 µL, universal fit					
	P5048-7	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT070RN	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT070RNS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHT070RLN	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
	P5048-40	Nonsterile	Stack rack	Natural	1,000/pk, 10 pk/cs

Standard Pipette Tips (continued)

	Cat. No.	Description	Packaging	Color	Qty.
	P5048-10	Nonsterile	Bulk	Yellow	1,000/pk, 10 pk/cs
	CHT090R	Nonsterile	Racked	Yellow	960/pk, 5 pk/cs
	CHT090RS	Sterile	Racked sterile	Yellow	960/pk, 5 pk/cs
	CHT090RL	Nonsterile	Reload	Yellow	960/pk, 5 pk/cs
	P5048-41	Nonsterile	Stack rack	Yellow	1,000/pk, 10 pk/cs

Beveled tip, 1-200 µL, graduated at 10, 50, 100 µL, universal fit

	Cat. No.	Description	Packaging	Color	Qty.
	CH113-GN	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT113RN	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT113RNS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHT113RLN	Nonsterile	Reload	Natural	960/pk, 5 pk/cs

Micropoint tip, 0.1-10 µL extended length, graduated at 2, 5, 10, 20 µL, universal fit

	Cat. No.	Description	Packaging	Color	Qty.
	P5048-4	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CH102	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT102R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT102RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs

Micropoint tip, 0.1-10 µL ultra micro, graduated at 2 µL, universal fit

	Cat. No.	Description	Packaging	Color	Qty.
	CHTA104R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHTA104RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHTA104RL	Nonsterile	Reload	Natural	960/pk, 5 pk/cs

Micropoint crystal tip, 0.1–20µL ultra micro, Eppendorf fit

	Cat. No.	Description	Packaging	Color	Qty.
	CH114BNS	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT114R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT114RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs

Micropoint tip, 5-300 µL beveled

	Cat. No.	Description	Packaging	Color	Qty.
	CH106	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CHT106R	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CHT106RS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CHT106RL	Nonsterile	Reload	Natural	960/pk, 5 pk/cs

Micropoint tip, 100-1250 µL extra long, graduated at 100, 200, 500, 1000 µL, universal fit

	Cat. No.	Description	Packaging	Color	Qty.
	CH112NXL	Nonsterile	Bulk	Natural	1,000/pk, 10 pk/cs
	CH112NXLR	Nonsterile	Racked	Natural	960/pk, 5 pk/cs
	CH112NXLRS	Sterile	Racked sterile	Natural	960/pk, 5 pk/cs
	CH112NXLRL	Nonsterile	Reload	Natural	960/pk, 5 pk/cs
	CH112XL	Nonsterile	Bulk	Blue	1,000/pk, 10 pk/cs
	CHT112XLR	Nonsterile	Racked	Blue	960/pk, 5 pk/cs
	CHT112XLRS	Sterile	Racked sterile	Blue	960/pk, 5 pk/cs
	CHT112XLRL	Nonsterile	Reload	Blue	960/pk, 5 pk/cs

Universal Fit, 100 -1000 µL, Graduated 250, 500, 1000 µL
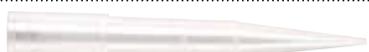
	Cat. No.	Description	Packaging	Color	Qty.
	P5049-9	Nonsterile	Stack rack	Natural	1,000/pk, 5 pk/cs

Tip Racks

These nonsterile tip racks are easy to use. Carrier locks onto rack with a quick, press-and-snap action. When empty, recycle or dispose of the carrier and reuse the rack.

Cat. No.	Description	Size	Qty.
CHT10ER	Tip rack	10–20µL	10/pk, 5/cs
CHT200ER	Tip rack	200–300µL	10/pk, 5/cs
CHT1000ER	Tip rack	1,000–1,250µL	10/pk, 5/cs

Microbiology Supplies

Inoculating Loops and Needles/Petri Dishes/Tissue Grinders
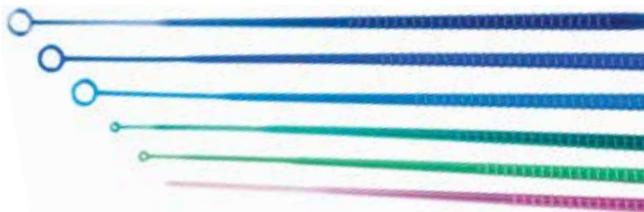
Inoculating Loops and Needles

The smooth loop head surface allows for flexible loops to streak agar without gouging and rigid loops to harvest or plant cultures. Loop surface treatment enhances sample adhesion. Calibrated using Evans Blue Dye method.

- Sterilized – no need for flame sterilization
- Hydrophilic treatment during manufacturing process
- Liquid adherence properties prevent accidental discharge of droplets
- Color coded for easy identification
- Loops available in 10µL and 1µL sizes
- Meet semi-quantitative standard for handling samples
- Calibration documents available for any batch upon request
- Polystyrene

Working temperature is room temperature. Each package contains 25 loops or needles, 1,000 per box.

Cat. No.	Description	Capacity	Qty.
Loops - peel pouch pack			
N2085-1	Blue - flexible	10µL	25/pk, 40 pk/bx
N2085-5	White - flexible	1µL	25/pk, 40 pk/bx
Loops - zip lock pack			
N2085-1FA	Dark blue flexible	10µL	25/pk, 40 pk/bx
N2085-5FA	Dark green - flexible	1µL	25/pk, 40 pk/bx
N2085-5RA	Light green - rigid	1µL	25/pk, 40 pk/bx
N2085-1R	Light blue - rigid	10µL	1,000/pk, 12 pk/cs
Needles - peel pouch pack			
N2085-10	Yellow flexible		25/pk, 40 pk/bx
Needles - zip lock pack			
N2085-10RA	Light violet		25/pk, 40 pk/bx

Petri Dishes

These disposable petri dishes are designed for single use to help you eliminate time-consuming washing and sterilizing. Optically clear and precision molded from polystyrene, cultures are clearly visible without distortion. All dishes are packaged in polyethylene sleeves and radiation sterilized. Racks and dispensers are also available to easily stack, store or transport petri dishes.

Cat. No.	Description	Qty.
CH1905	100 x 15mm round, slippable, without stacking ring, designed for automated filling	500/cs
CH1906	100 x 15mm, stackable, with stacking ring, designed for manual filling	500/cs

15mL tissue grinder T4031-15A

50mL tissue grinder T4031-50A

Standard Tissue Grinding Systems

With these closed tissue grinder systems, you seal before grinding to minimize sample contact through aspirations and overflow. The abrasive surface is molded-in, so there's no sandy sediment to obscure the sample. Systems include polypropylene tube, high-impact polystyrene pestle and tip and an antiroll HDPE cap.

35mL freestanding tissue grinder T4031-35A

Supplied assembled and sterile. Available in three sizes, including a freestanding model. Extra cap and patient identification label included for storage, transport and traceability. Easy-open Tyvek® package.

Tyvek® is a registered trademark of E. I. du Pont de Nemours and Co.

Molded-in abrasive surface

Cat. No.	Description	Qty.
T4031-15A	15mL	10/cs
T4031-35A	35mL - freestanding	10/cs
T4031-50A	50mL	10/cs

Glass-like abrasive surface

Ultra Tissue Grinders

The pestle tips of these Ultra Tissue Grinders have been vitrified using a proprietary silica casting process. The result is a glass-like abrasive surface, which provides a more aggressive grinding action to enable efficient processing of difficult and fibrous samples. Ultra Tissue Grinders incorporate the same patented closed system as the standard grinders. Available in 15mL and 50mL sizes, they are supplied gamma sterilized in an easy-to-open Tyvek® package with an extra cap for storage and transport plus a patient identification label for traceability.

Tyvek® is a registered trademark of E. I. du Pont de Nemours and Co.

Cat. No.	Description	Qty.
T4031-706	15mL	10/cs
T4031-708	50mL	10/cs

Lens Cleaner

This lens cleaner cleans most optical glass surfaces such as absorption cells, microscope optics and filters. It contains no abrasives, coating agents or silicones to scratch, etch or film the glass surface or interfere with its clarity. It is designed not to impair cemented lens elements.

Cat. No.	Description	Qty.
M6015	Lens cleaner	6/pk

Bibulous Paper

This absorbent white paper is recommended for drying microscope slides and other small lab glass items.

- Highly absorbent white fiber paper
- Lint and dust free

Cat. No.	Description	Qty.
P1050	4 x 6 in. - 50 sheets	12/pk

Lens Paper

This extra soft and silky lens paper is free of dust and particles that may cause scratching. Each package contains 12 booklets of paper.

Cat. No.	Description	Qty.
P1055	4 x 6 in. - 50 sheets	12/pk
P1056	6 x 8 in. - 100 sheets	12/pk

Index Card Slide Cabinet

Cabinet is designed to store index card microscope slide holder M6310-1. You can also use the cabinet to store all types of data on 3 x 5 in. cards. The top and bottom are specially slotted to facilitate stacking. It can also be set up side-by-side on a benchtop. The all-steel cabinet is finished in smooth gray enamel and has a nickel-plated handle and label holder. Four rubber feet help prevent damage to bench or desktops. Positive drawer stop helps eliminate spills. Cabinet holds up to 100 index card slide holders (not included). Each card holds four slides for a total capacity of 400 slides. Dimensions (W x D x H): 6⁹⁄₁₆ x 16³⁄₁₆ x 5⅛ in.

Cat. No.	Description	Qty.
M6310-5	Index card slide cabinet	1/ea

Slide Storage Cabinet

This sturdy metal cabinet stores slides in convenient pull-bar drawers with adjustable plastic dividers. Removable drawers feature ball suspension design to help prevent accidental pullout. Cabinets lock together when stacked, allowing you additional levels of stable storage on the same amount of counter space. Base is mounted on rubber feet to help protect bench surfaces. Cabinet is finished in beige powder coat for easy cleaning and durable service. Unit accommodates up to 5,000 slides and can be stacked 10 high. Each base accommodates up to 10 cabinets and is required.

Cat. No.	Description	Qty.
M6360-2P	Slide storage cabinet	1/ea
M6362-1	Base unit	1/ea

Deluxe Slide Box

This slide box with molded plastic insert holds 100 standard 3 x 1 in. or 75 x 25mm slides. It features an index on the inside cover for recording slide titles. Numbered slots for individual slides correspond to the numbered index. The black grain finished cardboard box has a durable wooden frame. The tight-fitting cover has two metal hinges and a metal catch. Dimensions (W x L x H): 7¾ x 9¾ x 1¼ in.

Cat. No.	Description	Qty.
M6285-1	Deluxe slide box	48/cs

Microscope Slides and Cover Glass

Accessories - Slide Storage and Mailers

Pop-Up Slide Folder

Slides can be handled without contamination with this slide folder. The compartments are recessed so slides cannot be touched when the cover is closed. Slides pop up with slight pressure at one end. Index on cover corresponds to numbered compartment. Folder holds 20 standard 3 x 1 in. or 75 x 25mm slides and is made of heavy pressed cardboard. Cover is attached with durable tape and folds flat under the slide holder to save space when in use. Dimensions (W x L x H): 8 x 13½ x 1¹/₃₂ in.

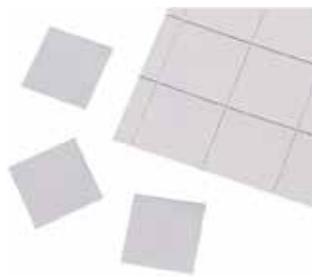| Cat. No.	Description	Qty.
M6305	Pop-up slide folder	12/bx, 72/cs

Five-Slide Mailer

Opaque polypropylene slide mailer/ storage box features precisely molded partitions, which keep slides separate and help prevent breakage. This smooth-cornered box has an integral hinged lid. The durable box protects slides during mailing. Mailer is disposable and not intended for reuse.

Cat. No.	Description	Qty.
M6271	5-slide mailer	100/pk, 10 pk/cs

Microscope Slide Labels

Easy-to-use, pressure-sensitive labels have tissue-high thickness and permanent adhesive. They are ideal for filing and long-term storage of slides. Slide label M6260-3 is custom-imprinted with hospital name, department, etc.— ask your sales or customer service representative for details.

Cat. No.	Description	Qty.
Blank labels		
M6260-1	12 x 24mm	1,000/pk
M6260-2	24 x 24mm	1,000/pk
Custom-imprinted label		
M6260-3	24 x 24mm	1,000/pk

Index Card Microscope Slide Holder

This slide holder accepts standard 3 x 1 in. and 75 x 25mm slides of any thickness. It is a versatile, compact and convenient identification system for organization and classification of slides. The holder consists of a 3 x 5 in. card fitted with a protective plastic slide frame to keep slides from touching. The visible four-position index tabs permit a variety of indexing systems to be used. Numbered lines ruled at the top of the card are keyed to numbered slots. The system is designed for expansion and new cards can be inserted at any time. Each card holds four slides.

Cat. No.	Description	Qty.
M6310-1	Index card microscope slide holder	12/pk

Slide Incubation Chambers and Slide Holders

Many immunoassays require the incubation of slides in a moist atmosphere away from direct sunlight. The slide incubation chambers were designed to perform this function. The large chamber comes with three lift-out trays, each capable of holding up to four standard 25 x 75mm microscope slides. The slide capacity can be expanded to 16 by purchasing an additional slide tray, which conveniently fits in sequence next to the others. A smaller slide incubation chamber is available with one lift-out tray capable of holding three slides. To use, place moist sponges or paper towels in the bottom of the chamber. The smoked acrylic construction repels light and the sloped cover helps prevent condensation from dripping onto the slides. The slide holders are made of solid polyethylene and are excellent for organizing slides in a small space. Each slot is angled 10° to provide maximum drying and visualization of the slide.

Cat. No.	Description (H x W x D) in.	Qty.
S1389-18	Slide incubation chamber, small - 2½ x 4 x 5	1/ea
S1389-136	Slide incubation chamber, large - 3 x 12⅜ x 7½	1/ea
S1389-20	Extra 4-slide tray - 5¼ x 3 x ¾	1/ea
S1389-19	Slide holder, 2 slots for 8 slides - 1 x 4 x 3	1/ea
S1389-21	Slide holder, 5 slots for 20 slides - 1 x 4 x 6	1/ea
S1389-22	Slide holder, 11 slots for 44 slides - 1 x 4 x 11¾	1/ea
S1389-23	Slide holder, 11 slots for 77 slides - 1 x 7 x 11¾	1/ea

Superslip® Coverslips and Cover Glass

Superslip® coverslips are specifically designed for use on instruments that automatically apply cover glass, but they also perform well for manual coverslipping in humid environments. These easy-to-use coverslips contain a desiccant and are made to reduce sticking and jamming in coverslippers.

These quality cover glasses offer resistance to corrosion. Thickness and flatness are uniform. No. 1 thickness is 0.13 to 0.17mm; no. 1½ thickness is 0.16 to 0.19 mm and no. 2 thickness is 0.17 to 0.25mm. Cover glasses are free from striae, oily films and fingerprints. All cover glasses are packed in a rigid styrene box with semisoft, lint-free foam interior.

Superslip® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
Superslip® coverslips		
M6043-4	Coverslip - 24 x 30 x 1mm	10 oz./cs
M6043-1	Coverslip - 24 x 40 x 1mm	10 oz./cs
M6043-2	Coverslip - 24 x 50 x 1mm	10 oz./cs
M6043-3	Coverslip - 24 x 50 x 1.5mm	10 oz./cs
M6043-5	Coverslip - 24 x 55 x 1mm	10 oz./cs
No. 1 cover glass		
M6045-1	Cover glass - 18 x 18mm	10 oz./cs
M6045-2	Cover glass - 22 x 22mm	10 oz./cs
M6045-3	Cover glass - 22 x 30mm	10 oz./cs
M6045-4	Cover glass - 22 x 40mm	10 oz./cs
M6090-5	Cover glass - 22 x 70mm	10 oz./cs
M6045-6	Cover glass - 22 x 50mm	10 oz./cs
M6045-7	Cover glass - 24 x 30mm	10 oz./cs
M6045-8	Cover glass - 24 x 40mm	10 oz./cs
M6045-9A	Cover glass - 24 x 50mm	10 oz./cs
M6043-7A	Cover glass - rectangular 24 x 50mm	10 oz./cs
M6045-10	Cover glass - 24 x 60mm	10 oz./cs
M6045-11	Cover glass - 24 x 55mm	10 oz./cs
No. 1½ cover glass		
M6047-2	Cover glass - 22 x 22mm	10 oz./cs
M6047-3	Cover glass - 22 x 30mm	10 oz./cs
M6047-4	Cover glass - 22 x 40mm	10 oz./cs
M6047-6	Cover glass - 22 x 50mm	10 oz./cs
M6047-8	Cover glass - 24 x 40mm	10 oz./cs
M6047-9	Cover glass - 24 x 50mm	10 oz./cs
M6047-10	Cover glass - 24 x 60mm	10 oz./cs
No. 2 cover glass		
M6050-1	Cover glass - 18 x 18mm	10 oz./cs
M6050-2	Cover glass - 22 x 22mm	10 oz./cs
M6050-3	Cover glass - 22 x 30mm	10 oz./cs
M6050-4	Cover glass - 22 x 40mm	10 oz./cs
M6050-6	Cover glass - 22 x 50mm	10 oz./cs
M6050-7	Cover glass - 24 x 30mm	10 oz./cs
M6050-8	Cover glass - 24 x 40mm	10 oz./cs
M6050-9	Cover glass - 24 x 50mm	10 oz./cs
M6050-10	Cover glass - 24 x 60mm	10 oz./cs

Hemacytometer Cover Glass

Hemacytometer cover glass is made of highly polished, hard-ground glass containing a minimum of free alkali.

Cat. No.	Description	Qty.
B4005	Hemacytometer cover glass - 20 x 26 x 0.4mm	12/pk, 144/cs

Microscope Cover Glass

Made of pure white, chemically-resistant borosilicate 3.3 glass sheets, feature excellent optical properties, stable molecular structure, uniform flatness, uniform size, ideal flexibility as well as considerably extended shelf life.

Cat. No.	Description	Qty.
C3650-10	Coverslip - 24 x 50mm, #1, 1 oz	10 oz/pk, 20 pk/cs
C3650-20	Coverslip - 24 x 50mm, #1, 2 oz	20 oz/pk, 10 pk/cs

Plastic Coverslips

Use these disposable plastic coverslips for immediate wet preparations, such as urine and direct feces smears for fats or parasites, which are discarded after use. 0.2286 to 0.2794mm thick. Clear, noncurling and break-resistant.

Cat. No.	Description	Qty.
M6100	Plastic coverslip - 22 x 22mm	100/bx

Our focus is on **your lab.**

Microscope Slides and Cover Glass

Charged Adhesion Slides

Histology Control Superfrost Plus® Adhesion Slides

Ideal for staining procedures that require a control. Control slides have spaces for both the patient sample and the control material. The control section is easily identified with a bright red or etched box. Plus slides are specially prepared to help ensure that the tissue sample remains on the slide. Control slides for use in automated instruments have a control box on the back surface of the slide. Slides measure 25 x 75 x 1mm.
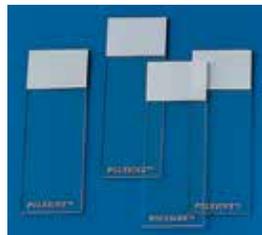
Superfrost Plus® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
MI6172	¾ in. white, etched box on back	2 bx/gr, 10 gr/cs
M355	¾ in. white, red box on back	2 bx/gr, 10 gr/cs
M329	¾ in. white, red box on front	2 bx/gr, 10 gr/cs
M334	1 in. white, red box on back	10 gr/cs

Polysine® Microscope Slides

The permanent adhesive material on these Polysine® slide attracts frozen tissue sections, paraffin embedded sections, cytocentrifuge preparations and cytology smears helping eliminate the need for extra adhesives or coating techniques. The slide's adhesive is ideal for immunocytochemical and molecular hybridization assays on cell preparations or tissue sections, since it is not affected by chemicals, enzyme predigestion or heating.
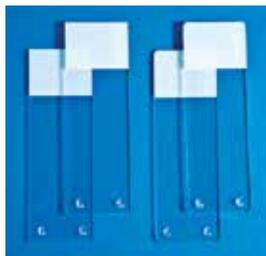
Polysine® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M6143	75 x 25 x 1mm	144/gr, 10 gr/cs

Superfrost® Excell Adhesion Slides

Superfrost® Excell adhesion slides utilize the traditional Superfrost® tab, with excellent adhesion and wettability properties. The advanced adhesive technology performs extremely well for heat induced epitope retrieval. Excell slides were developed for use in the HIER methods that require high pH antigen retrieval solutions, including edta. Formalin-fixed paraffin embedded tissue demonstrates more consistent attachment when performing these procedures on the Excell surface. Superfrost® Excell also performs well in the following applications: staining, cell culture, plastic and laser capture microdissection.

Superfrost® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M4941	Excell adhesion slides - 25 x 75 x 1mm	2 bx/gr, 10 gr/cs
M49414	Excell adhesion slides with clipped corner - 25 x 75 x 1mm	2 bx/gr, 10 gr/cs
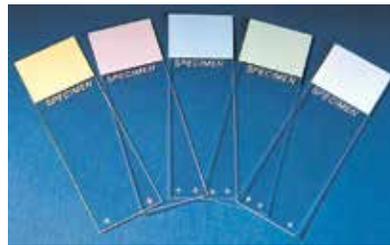
Superfrost Plus® and Colorfrost Plus® Slides

Superfrost Plus® and Colorfrost Plus® slides are made by a process that allows tissue sections to adhere better to the slide without the need for adhesives or protein coatings. They also help improve tissue adherence in microwave staining. Cytologic preparations placed on these slides resist cell loss during enzyme digestion, DNA denaturation and RNA hybridization.

The Superfrost Plus® and Colorfrost Plus® frosted coatings take and retain most laboratory marking methods. The raised coating separates slides to help eliminate sticking, scratching or abrasion.

Superfrost Plus® and Colorfrost Plus® are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
Superfrost Plus® slide		
M6146-PLUS	25 x 75mm	10 gr/cs
Colorfrost Plus® slides - 25 x 75 x 1mm		
M6148-3A	Aqua	2 bx/gr, 10 gr/cs
M6148-3B	Blue	10 gr/cs
M6148-3BO	Burnt orange	2 bx/gr, 10 gr/cs
M6148-3GL	Gold	2 bx/gr, 10 gr/cs
M6148-3G	Green	10 gr/cs
M6148-3L	Lilac	2 bx/gr, 10 gr/cs
M6148-3P	Pink	10 gr/cs
M6148-3T	Tan	2 bx/gr, 10 gr/cs
M6148-3Y	Yellow	10 gr/cs

Superfrost Plus® Gold Slide

Superfrost® Plus gold slide is a specially designed adhesive slide that attracts and chemically bonds fresh or formalin-fixed frozen tissue sections to its surface. You can use it for hard-to-attach samples such as frozen breast, bone, brain or skin tissue. Recommended for tissue samples that are 5µ or larger. The surface of this slide also makes it ideal when you use special stains, immunocytochemical and in situ DNA hybridization techniques on fresh or fixed frozen tissue sections. Slide is compatible with toluidine blue, hematoxylin and eosin rapid frozen section stains.

Superfrost Plus® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M6146GOLD	25 x 75 x 1mm	25/bx

Microscope Slides and Cover Glass

Economy Slides

Economy Glass Slides

These economy glass slides can address a wide range of routine applications. Color coded for easy identification, all slides feature a smooth surface and uniform thickness. Selection varies, including slides with positively charged surfaces or clipped corners for ease of use.

Cat. no.	Description	Qty.
CH7101PX	Plain, 25 x 75 x 1mm	72/bx, 1,440/cs
CH7107PX	Double frosted, 25 x 75 x 1mm	72/bx, 1,440/cs
CH7105PX	Frosted, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PBX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PGX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PL	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PO	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PPX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PWX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH8105PYX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs
Clipped Corner 45 degree		
CH27101PX	Plain, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PBX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PGX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PL	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PO	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PPX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PWX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH28105PYX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs
Clipped Corner Charged 45 degree		
CH205BX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205GX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205LX	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205OX	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205PX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205WX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH205YX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs
Charged 90 degree		
CH105BX	Blue end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105GX	Green end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105LX	Lilac end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105OX	Orange end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105PX	Pink end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105WX	White end, 25 x 75 x 1mm	72/bx, 1,440/cs
CH105YX	Yellow end, 25 x 75 x 1mm	72/bx, 1,440/cs

Economy Nonselect Microscope Slides

These plain and frosted microscope slides measure 25 x 75 x 1mm thick.

Cat. No.	Description	Qty.
301449	Economy slide, plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
M630-4	Safety corner, plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
301437	Economy slide, frosted - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs

Economy Select Microscope Slides

These microscope slides are precleaned and measure 25 x 75 x 1mm. Slide M6147-ECO comes with one end frosted on both sides.

Cat. No.	Description	Qty.
M6145-ECO	Plain - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs
M6147-ECO	Double frosted end - 25 x 75 x 1mm	2 pk/gr, 10 gr/cs

Microscope Slides

These regular super white glass microscope slides are designed for routine experiments where no extra adhesion or no adaptability to auto-writers is required in histology-pathology, hematology, cytology, microbiology and etc., for blood liquid tests, frozen tissue section examinations, biological specimen preparation.

The (C0002-90) adhesion/positive charge super white slides are made by a process that allows tissue sections to adhere better to the slide without the need for adhesives or protein coatings. They also help improve tissue adherence in microwave staining. Cytologic preparations placed on these slides resist cell loss during enzyme digestion , DNA denaturation and RNA hybridization.
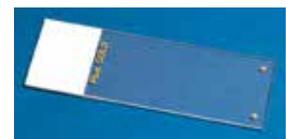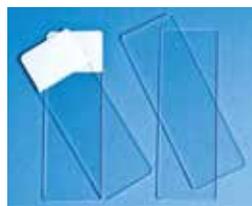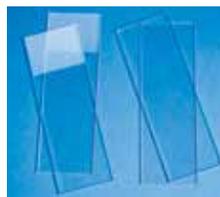
Cat. No.	Description	Qty.
Regular super white slides		
C0001-90	Frosted white, 25 x 75 x 1mm	72/bx, 20 bx/cs
C0003-90	Frosted white, 25.75 x 75.75 x 1.2mm	72/bx, 20 bx/cs
C16001-45	Frosted white, 25 x 75 x 1mm, 45° clipped corners	72/bx, 20 bx/cs
Adhesion charged super white slides		
C0002-90	Adhesion charged, frosted white, 25 x 75 x 1mm	72/bx, 20 bx/cs

Permafrost Microscope Slides

Manufactured from the highest quality glass, these Permafrost slides have a ¾ in. permanent tab for labeling and measure 25 x 75 x 1mm thick. Available in a variety of colors.

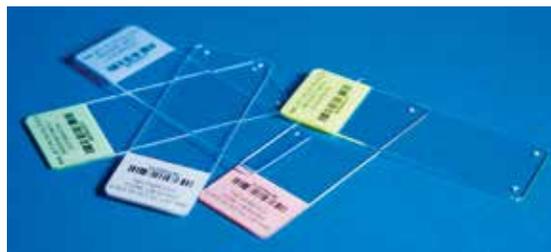| Cat. No.	Description	Qty.
M940A	Aqua	2 bx/gr, 10 gr/cs
M642	Blue	2 bx/gr, 10 gr/cs
M940BO	Burnt orange	2 bx/gr, 10 gr/cs
M940GL	Gold	2 bx/gr, 10 gr/cs
M643	Green	2 bx/gr, 10 gr/cs
M940L	Lilac	2 bx/gr, 10 gr/cs
M644	Pink	2 bx/gr, 10 gr/cs
M940T	Tan	2 bx/gr, 10 gr/cs
M640	White	2 bx/gr, 10 gr/cs
M640-4	White with safety corner	2 bx/gr, 10 gr/cs
M646	Yellow	2 bx/gr, 10 gr/cs

Microscope Slides and Cover Glass

Instrumentation Slides

Colormark® and Colormark Plus® Slides

Designed for use with automated slide labeling machines, Colormark® slides offer excellent etched labeling visibility with a frosted coating that takes and retains most laboratory marking methods. A bright contrasting color is printed on the back of the frosted end so that patient or specimen information etched through the frosted end on the front is clearly visible. These slides are available in Superfrost® white coating or a choice of four Colorfrost® colored coatings. Colormark® slides are also available in Plus glass, which offers superior specimen adhesion. Slides are 25 x 75 x 1mm thick.

Colormark®, Colormark® Plus®, Colorfrost® and Superfrost® are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
Colormark® slides		
M6159-2	Blue - 25 x 75 x 1mm	10 gr/cs
M6159-3	Green - 25 x 75 x 1mm	10 gr/cs
M6159-4	Pink - 25 x 75 x 1mm	10 gr/cs
M6159-1	White - 25 x 75 x 1mm	20 gr/cs
M6159-5	Yellow - 25 x 75 x 1mm	10 gr/cs
Colormark Plus® slides		
M6159-7	Blue - 25 x 75 x 1mm	10 gr/cs
M6159-8	Green - 25 x 75 x 1mm	10 gr/cs
M6159-9	Pink - 25 x 75 x 1mm	10 gr/cs
M6159-6	White - 25 x 75 x 1mm	10 gr/cs
M6159-10	Yellow - 25 x 75 x 1mm	10 gr/cs

Superfrost® Clipped Corner Slides

Recommended for use in the Sysmex® SP-100 automated slide prep unit, clipped corner slides offer exceptional cleanliness and resistance to sticking. Tighter tolerances on length and width help reduce accumulation of glass chips within the instrument. The precleaned slides measure 75 x 25mm and are approximately 1mm thick. Two packages of slides per gross.

Superfrost® is a registered trademark of Thermo Fisher Scientific.

Sysmex® is a registered trademark of Sysmex Corporation.

Cat. No.	Description	Qty.
M4951-7A	Aqua - 25 x 75 x 1mm	10 gr/cs
M4951-1A	Blue - 25 x 75 x 1mm	10 gr/cs
M4951-8A	Burnt orange - 25 x 75 x 1mm	10 gr/cs
M4951-10A	Gold - 25 x 75 x 1mm	10 gr/cs
M4951-2A	Green - 25 x 75 x 1mm	10 gr/cs
M4951-6A	Lilac - 25 x 75 x 1mm	10 gr/cs
M4951-3A	Pink - 25 x 75 x 1mm	10 gr/cs
M4951-9A	Tan - 25 x 75 x 1mm	10 gr/cs
M4951-4A	White - 25 x 75 x 1mm	20 gr/cs
M4951-5A	Yellow - 25 x 75 x 1mm	10 gr/cs

Inkjet and Inkjet Adhesion Slides

These microscope slides are specifically designed for use with inkjet printing instruments. The printing instruments use chemical-resistant ink and print text and barcodes directly on the Colorfrost® and Superfrost® tab of the microscope slide. These slides are also available in Plus glass which offers excellent specimen adhesion. Slides are 25 x 75 x 1mm thick.

Colorfrost®, Colorfrost Plus®, Superfrost® and Superfrost Plus® are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
Colorfrost® inkjet clipped corner slides		
M6151-6	Aqua	2 pk/gr, 10 gr/cs
M6151-2	Blue	2 pk/gr, 10 gr/cs
M6151-7	Burnt orange	2 pk/gr, 10 gr/cs
M6151-3	Green	2 pk/gr, 10 gr/cs
M6151-4	Pink	2 pk/gr, 10 gr/cs
M6151-9	Tan	2 pk/gr, 10 gr/cs
M6151-5	Yellow	2 pk/gr, 10 gr/cs
Colorfrost Plus® inkjet clipped corner slides		
M6151-15	Aqua	2 pk/gr, 10 gr/cs
M6151-11	Blue	2 pk/gr, 10 gr/cs
M6151-16	Burnt orange	2 pk/gr, 10 gr/cs
M6151-12	Green	2 pk/gr, 10 gr/cs
M6151-13	Pink	2 pk/gr, 10 gr/cs
M6151-17	Lilac	2 pk/gr, 10 gr/cs
M6151-18	Tan	2 pk/gr, 10 gr/cs
M6151-14	Yellow	2 pk/gr, 10 gr/cs
Superfrost® inkjet clipped corner slides		
M6151-1	White	2 pk/gr, 10 gr/cs
Superfrost Plus® inkjet clipped corner slides		
M6151-10	White	2 pk/gr, 10 gr/cs

Online ordering services at **cardinalhealth.com** put you in command.

Colorfrost® and Superfrost® Slides

Colorfrost® and Superfrost® slides have a durable, easy-to-write-on, easy-to-read, brilliant opaque coating. The coating helps eliminate any penetration from common laboratory chemicals and reagents. A printed "specimen" key tells instantly which side is up and the raised coating separates slides to help eliminate sticking, scratching and abrasion. These slides also reduce the need for costly, time-consuming paper labeling. Slides have a 1mm thickness, except slide M6131, which is 1.2mm thick.

Choose from colored slides, for convenient identification and opaque white slides.

Colorfrost® and Superfrost® and are registered trademarks of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
Colorfrost® colored slides		
M6148-1A	Aqua - 75 x 25mm	20 gr/cs
M6148-1B	Blue - 75 x 25mm	20 gr/cs
M6148-1BO	Burnt orange - 75 x 25mm	20 gr/cs
M6148-1GL	Gold - 75 x 25mm	20 gr/cs
M6148-1G	Green - 75 x 25mm	20 gr/cs
M6148-1L	Lilac - 75 x 25mm	20 gr/cs
M6148-1P	Pink - 75 x 25mm	20 gr/cs
M6148-1T	Tan - 75 x 25mm	20 gr/cs
M6148-1Y	Yellow - 75 x 25mm	20 gr/cs
M6148-2B	Blue - 75 x 25mm	20 pk/gr, 10 gr/cs
M6148-2G	Green - 75 x 25mm	20 pk/gr, 10 gr/cs
M6148-2P	Pink - 75 x 25mm	20 pk/gr, 10 gr/cs
M6148-2Y	Yellow - 75 x 25mm	20 pk/gr, 10 gr/cs
Superfrost® white slides		
M6146	White - 75 x 25mm	20 gr/cs
M6156	Premium white - 75 x 25mm	25 gr/cs
M6131	White - 76.2 x 25.4 x 1.2mm	25 gr/cs

Dakin Slides

Dakin slides provide an optimal viewing and adhering surface for cytological specimens, such as smears for Papanicolaou staining. Each slide is fully frosted on one side so that the entire slide surface can be used for specimen location.
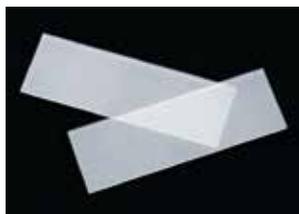
Cat. No.	Description	Qty.
M6150-1	25 x 75 x 1mm	10 gr/cs

1mm Microscope Slides

These 1mm glass slides are extremely resistant to scratching, corrosion and fogging. Slides are precleaned and individually selected for uniform quality. Convenient dispenser box contains approximately ½ gross. Slides are 25 x 75mm.

Cat. No.	Description	Qty.
M6145	Plain - 25 x 75mm	20 gr/cs
M6147	Frosted 1 end, 1 side - 25 x 75mm	20 gr/cs
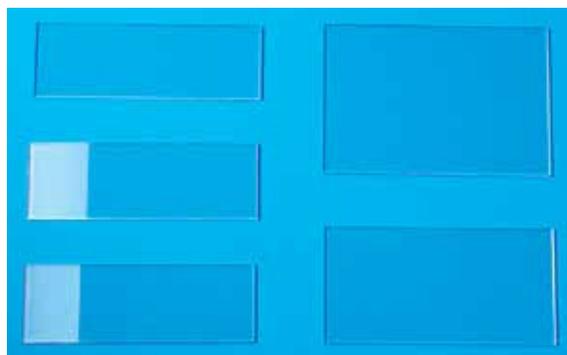
1.2mm Microscope Slides

Highly resistant to corrosion and moisture, these 1.2mm microscope slides are made of high-quality glass with edges that are ground smooth to help eliminate sharp cutting surfaces. They are available plain or with frosted ends in a variety of sizes.

Cat. No.	Description	Qty.
M6130	Plain, white glass - 3 x 1 in.	144/gr, 25 gr/cs
M6132	Frosted 1 end, 1 side, white glass - 3 x 1 in.	72/bx, 50 bx/cs
M6134	Frosted 1 end, both sides, white glass - 3 x 1 in.	144/gr, 25 gr/cs
M6140	Plain, white glass - 3 x 1½ in.	2 bx/gr, 5 gr/cs
M6141	Frosted 1 end, 1 side - 3 x 1 in.	144/gr, 10 gr/cs
M6142	For Kline and other agglutination tests, white glass - 3 x 2 in.	2 bx/gr, 5 gr/cs

Microscope Slides and Cover Glass

Microscope Slides and Cover Glass

Specialty Slides

45° Corners Microscope Slides

These high-quality microscope slides are precleaned and feature 45° corners for ease of handling. Available with Superfrost® coating, plain or frosted on one end. Size: 25 x 75 x 1mm.

Superfrost® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M6146-2A	Superfrost® coating - 25 x 75 x 1mm	20 gr/cs
M6146-3B	Plain - 25 x 75 x 1mm	10 gr/cs
M6146-4A	Frosted one end, one side - 25 x 75 x 1mm	10 gr/cs

Bev-L-Edge® Microscope Slides

Use these microscope slides for blood smears and all routine microscopy. All four edges are uniformly beveled to facilitate spreading blood evenly. Clean-packed, ready-to-use. 3 x 1 in. slides are 0.9 to 1mm thick. Cartons are packed with two 10-gross cases that are sealed in aluminum foil to prolong shelf life and reduce the effects of high humidity and moisture. Packed in boxes of ½ gross each.

Bev-L-Edge® is a registered trademark of Propper Mfg. Co. Inc.

Cat. No.	Description	Qty.
M6167-1	Plain - 3 x 1 in.	20 gr/cs
15400103A	Frosted one end, both sides - 3 x 1 in.	20 gr/cs

Fluorescent Slides

Designed for fluorescent antibody examination, these slides have two light frosted circles. The edges are completely ground to allow easy handling. Slides are 3 x 1 in. x 1mm thick.

Cat. No.	Description	Qty.
M6177	Frosted specimen marker - 3 x 1 in. x 1mm	144/gr
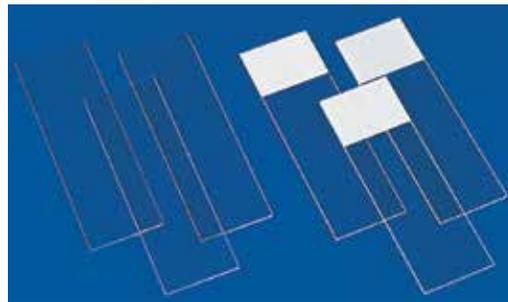
Premium-Grade Microscope Slides

These high-quality white glass microscope slides provide consistent results and allow easy reading. They are precleaned twice to help eliminate debris and improve wettability. The edges are finely ground to produce a high-quality smear. Slides are packaged in a special thermoform plastic box to minimize exposure to moisture and dust.

Superfrost® is a registered trademark of Thermo Fisher Scientific.

Cat. No.	Description	Qty.
M6155	Plain - 75 x 25 x 1mm	2 bx/gr, 25 gr/cs
M6158-1	Plain - 3 x 1 in. x 1mm	1 bx/gr, 10 bx/cs
M6157	Superfrost® coating - 75 x 25 x 1mm	72/bx, 25 gr/cs
M6146X	Superfrost® coating - 75 x 25 x 1mm	2 bx/gr, 40 bx/cs
M6158-2	Superfrost® frosted end - 75 x 25 x 1mm	2 bx/gr, 10 gr/cs
M6158	Superfrost® frosted end - 3 x 1 in. x 1mm	2 bx/gr, 25 gr/cs

Pusher Slides

Pusher slides are designed for hematology smears. Beveled edges and chamfered corners create a surface with uniform borders to aid in the determination of leukocyte distribution and facilitate more accurate white cell counts. Slides are 3 x 1 in. and 0.9 to 1mm thick. Packed ½ gross per box.
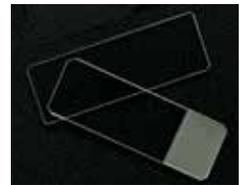
Cat. No.	Description	Qty.
M6167-10	Plain - 3 x 1 in.	72/bx, 2 bx/gr
M6167-11	Frosted one end, one side - 3 x 1 in.	72/bx, 2 bx/gr

Mixer

Featuring touch or continuous operation, this general purpose mixer provides smooth instant vortexing for even the largest sample sizes, including full 50mL tubes. The unique counter balance system creates maximum vortexing action, while minimizing noise and excessive vibration. This results in quieter, more efficient and longer lasting operation. Other features include: no-walk suction and spill-proof electronic controls.

Specifications:

Speed range . . . . .200 to 3200 rpm
Operating modes .Touch or continuous
Operating temperature range . . . .+4°C to +65°C
Dimensions (W x D x H) . . . . .5 x 6.3 x 6.7 in. (13 x 16 x 17cm)
Weight . . . . .8.4 lbs. (3.8kg)
Electrical. . . . . .115V AC, 60Hz, 1.5A
230V AC, 50Hz, 0.75A

Cat. No.	Description	Qty.
CHV1000	Mixer	1/ea

Mini Vortexer

With a 4mm orbit and fixed speed of 2800 rpm, this mini vortexer instantly vortexes even the largest samples, including nearly full 50mL tubes. A complement to its powerful motor, the mini vortexer has a small footprint of less than 4 x 4 in., allowing it to fit on even the most crowded bench. Pressure activated operation means that the motor is automatically started with slight pressure on the center cup head. Operation is smooth, quiet and efficient. When pressure is removed, operation immediately ceases. The unique head design prevents liquid from entering the housing, prolonging motor life.

Specifications:

Speed range . . . . 2800 rpm
Motor activation . . . . Touch
Orbit 4mm
Operating temperature range . . . . +4°C to +65°C
Dimensions (W x D x H) . . . . 3.7 x 3.9 x 2.6 in. (9.4 x 9.9 x 6.6cm)
Weight . . . . 1 lb. (0.4kg)
Electrical. 100-240V, 50-60Hz, 0.7A

Cat. No.	Description	Qty.
CHV101-R	Mini vortexer, red cup head	1/ea

Multi-Head Mixer

More than your standard mixer, the unique head design features a traditional cup for general purpose mixing, plus holders for up to eight microcentrifuge tubes. A dynamic balanced drive system provides smooth vortexing action while minimizing noise and excessive vibration. Increased speed, up to 3400 rpm, produces an instant vortex for all tubes, up to 50mL. Other features include: touch or continuous operation, no-walk suction feet and spill-proof electronic controls.

Specifications:

Speed range . . . . .200 to 3400 rpm
Operating modes .Touch or continuous
Operating temperature range . . . .+4°C to +65°C
Dimensions (W x D x H) . . . . .5 x 6.3 x 6.7 in. (13 x 16 x 17cm)
Weight . . . . .8.4 lbs. (3.8kg)
Electrical. . . . . .115V AC, 60Hz, 1.5A
230V AC, 50Hz, 0.75A
230V AC, 60Hz, 0.75A

Cat. No.	Description	Qty.
CHV1005	Multi-head mixer	1/ea

Navigating challenges, **discovering solutions.**

Mixers

Rapid Point-of-Care Tests

Crypto Giardia/*H. pylori/*hCG

Crypto Giardia Rapid Test

Crypto Giardia Rapid Test is a rapid immunoassay for the qualitative detection of Cryptosporidium parvum and Giardia lamblia specific antigens in aqueous extracts of human fecal specimens.

- Simplified procedure, results in less than 30 minutes
- Less than 10 minutes of hands-on-time required
- Sensitivity is 100% for both Giardia and Crypto (as compared to microscopy)*
- Eligible for dual reimbursement**

Cat. No.	Description	Qty.
CH6830	Crypto Giardia test kit	30 tests/kt
CH6870	Crypto Giardia controls	2/bx

* 95% confidence interval
** According to the American Society for Microbiology at asm.org.

H. pylori Rapid Test

- **CLIA waived:** whole blood
- Moderately complex (nonwaived): serum and plasma
- Time to result: 10 minutes
- Sensitivity: 88%, Specificity: 88%*

Cat. No.	Description	Qty.
B1077-25	*H. pylori* test	30/bx

* 95% confidence interval

Pregnancy hCG Rapid Test

- **CLIA waived:** urine
- Moderately complex (nonwaived): serum
- Time to result:
- hCG cassette and dipstick: 3 to 4 minutes
- hCG combo: 3-4 minutes (urine), 5-6 minutes (serum)
- Analytical sensitivity:
- hCG cassette and dipstick: 25mIU/mL
- hCG combo: 20mIU/mL (urine), 10mIU/mL (serum)
- Positive Agreement: >99%*
- Negative Agreement: >99%*

Cat. No.	Description	Qty.
B1077-21	hCG dipstick	50/bx
B1077-22	hCG cassette	30/bx
B1077-23	hCG combo	30/bx
B1077-24	hCG controls (+/-)	2 vials/bx

* For an accuracy of >99%

MONO Rapid Test

- **CLIA waived:** whole blood (finger stick or venipuncture)
- Moderately complex (nonwaived): serum and plasma
- Cassette format
- Time to result: 5 minutes
- Simple two-step procedure
- Positive Agreement 98%*; Negative Agreement >99%**
- Not validated for patients under 18 years of age

Cat. No.	Description	Qty.
B1077-28	MONO test	30/bx

Agreement across all sample types
*** 97.5% Confidence Interval (for Negative Agreement)*

MONO II Rapid Test

- **CLIA waived:** whole blood (finger stick or venipuncture)
- Moderately complex (nonwaived): serum and plasma
- Dipstick format: Two-color results
- Time to result: 5 minutes or less
- ≥99% Sensitivity**; 96% specificity
- No age restriction: Please see instructions for use for full prescribing information. A heterophile antibody response is observed in approximately 80-90% of adults and children with EBV-caused IM. This percentage drops to approximately 50% for children under four years of age[1].

Cat. No.	Description	Qty.
CH1145	MONO II rapid test	25 tests/kt

***Test was compared to latex agglutination and discrepant results were then resolved with EBV serological testing.*

[1] *Lennette, E.T., Epstein-Barr Virus, in Manual of Clinical Microbiology. Balows, A., Hausler, W .J. Jr., Herrmann, K.L., Isenberg, H.D., Shadomy, H. J., Editors, 5th Edition, American Society for Microbiology, Washington D.C., pp847-852, 1991.*

Strep A Rapid Test

- **CLIA waived:** dipstick test
- Time to result: 5 minutes
- Sensitivity: 97%*
- Specificity: 95%*

Cat. No.	Description	Qty.
B1077-30	Strep A dipstick	30/bx

95% Confidence Interval

Rockers/Rotators

Nutating Rocker

This platform rocker provides a 3-dimensional "nutating" motion for moderately aggressive mixing. The size and rubber mat configuration allows for thorough, foam-free mixing in blood tubes and centrifuge tubes as well as in a variety of flat vessels. The supplied, autoclavable, dimpled mat holds tubes securely in place on its large, 12 x 12 in surface. The maintenance-free, brushless motor is capable of handling loads up to 2kg.

Specifications:

Speed range . . . . .24 rpm
Tilt angle . . . .±20°
Platform size . . . . .12 x 12 in. (30 x 30cm)
Load capacity . . . . .3.5 lbs. (1.6kg)
Operating temperature range . . . . . .+4°C to +65°C
Dimensions (W x D x H) . . . . .12 x 12 x 8.3 in. (30.5 x 30.5 x 21.1cm)
Weight . . . . .4.4 lbs. (2kg)
Electrical. . . . . .115V AC, 60Hz, 0.4A

Cat. No.	Description	Qty.
CH3D1320	Nutating rocker	1/ea

Rotator

This rotator is designed to provide the speed and tilt angle required for a broad range of molecular and biological mixing applications. The user can adjust both parameters to match the vessel size and the volume of liquid being mixed, yielding high-quality results. The rocking speed is easily set using the front knob while the tilt angle can be changed without tools or disassembly; simply grip the platform and move to the desired angle. Low speeds and a minimal tilt angle create a gentle wave motion, required for most blot washing. Higher speeds and steeper angles produce more aggressive agitation for vigorous sample mixing. Rotator comes standard with autoclavable dimpled and flat mats and maintenance-free, brushless motors.

Specifications:

Speed range . . . . .Variable, 2 to 30 rpm
Tilt angle . . . . .Variable, 0 to 30°
Load capacity . . . . .4.4 lbs. (2kg)
Operating temperature range . . . .+4°C to +65°C
Platform Dimensions (W x D) . . . . .12 x 12 in. (30 x 30cm)
Exterior Dimensions (W x D x H) . . . . .14 x 12 x 8 in. (35 x 30 x 20cm)
Weight . . . . .7.5 lbs. (3.4kg)
Electrical. . . . . .115V AC, 60Hz, 0.3A

Cat. No.	Description	Qty.
CH3D2300	Rotator	1/ea

Tube Rocker

This tube rocker is designed to provide the ideal speed and tilt angle (24 rpm/30°) for agitation of sample tubes. The grooved design of the included rubber mat properly secures all tube sizes ranging from 1.5 to 50mL, without the use of added straps or bands. No complicated controls, settings or adjustments to be made; just press the power switch and let it rock. Small in size (only 5.3 x 13.3 in.) and able to withstand temperatures from 4°C to 65°C, this tube rocker is small enough to fit on any lab bench.

Specifications:

Speed range . . . . Fixed, 24 rpm
Tilt angle . . . . ±30°
Capacity . . . . 8 x 50mL,
                                                        15 x 5mL, 7mL, 10mL or 15mL*
                                                        30 x 1.5/2.0mL
Operating temp. range . . . . +4°C to +65°C
Platform Dimensions (W x D) . . . . 12 x 4.5 in. (30 x 11.4cm)
Exterior Dimensions (W x D x H) . . . . 13.3 x 5.3 x 4 in. (33.6 x 13.5 x 10cm)
Weight . . . . 4 lbs. (1.8kg)
Electrical. 115V, 50-60Hz, 50W

15mL blood collections tubes (16 x 125mm.)extend off the platform surface.

Cat. No.	Description	Qty.
CHM2100	15-place compact rocker with grooved mat	1/ea

Accessories

Flex Shields

Flex shields are clear and scratch-resistant. The Lexan® protective barrier is attached to an 18 in. flexible support tube(s). The flex shield can be maneuvered into any position to maximize the technician's protection from bloodborne pathogens or chemical splashes. The 4 x 4 in. base of each flexible tube may be mounted to a laboratory bench, wall or shelf with screws or double-sided tape (provided). Additional mounting accessories include a C-clamp, magnet and larger laminated base.

Lexan® is a registered trademark of Sabic Innovative Plastics.

Cat. No.	Description	Dimensions (H x W)	Qty.
S1389-93	Single arm	9 x 12 in.	1/ea
S1389-95	Dual arm	12 x 18 in.	1/ea
Accessories (H x W x D)			
S1389-94	Larger base for S1389-93	¾ x 16 x 14 in.	1/ea
S1389-97	Larger base for S1389-95	¾ x 20 x 16 in.	1/ea
S1389-98	C-clamp, up to 2 in. grip		1/ea

*Tapered Biohazard/Beta Shields

The lower portion of the taper-designed biohazard shield, which is only 12 in. wide, allows more arm flexibility, increased movement and less arm fatigue. The top portion, which is 20 in. wide, provides a barrier between lab personnel and biohazardous materials. Designed to be comfortably used from a standing or sitting position. These shields are clear, free-standing and provide ¼ in. biohazard barrier or ⅜ in. beta shield barrier against potentially hazardous liquids and materials. The units are tapered back at an angle for easy viewing. They also feature a deep, large base that provides storage of test tube racks, pipettes and other accessories. Dimensions: 20½ H x 18 W x 12 in. D.

Cat. No.	Description	Qty.
S1389-151	Curved beta shield, ⅜ in. thick	1/ea
S1389-152	Curved biohazard splash shield, ¼ in. thick	1/ea

Septa Shield

The Septa Shield protects the face and neck from splashes, sprays and abrasions. Made of clear Lexan®, the materials weigh only 9 oz. and are held in place by an adjustable VELCRO® strap. One size fits all.

Lexan® is a registered trademark of Sabic Innovative Plastics.

VELCRO® is a registered trademark of Velcro Industries, B.V.

Cat. No.	Description	Qty.
S1389-143A	Septa shield	1/ea
S1389-100	Replacement visor	1/ea

Bench Guard

The bench guard features a large area of protection to help shield personnel from hazardous materials or conditions at the lab bench. The ⅜ in. acrylic guards laboratory technicians while the open sides allow them access to the work area. The back panel also helps protect technicians and equipment on the opposite side of the workbench.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-84	Bench guard	20¼ x 15¾ x 13½ in.	1/ea

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

Safety

Lab Shields and Guards

Blood Aerosol Guards

The blood aerosol guards have clear acrylic barriers that help protect personnel against blood aerosols when removing rubber stoppers from blood collection tubes. They are mounted by adjustable extension arms that attach to the vertical surface of a hematology counter by double-sided tape. The guards are ⅜ in. thick and are available in two sizes. Double-sided tape provided.

Cat. No.	Description	Dimensions (H x W)	Qty.
S1389-7	Blood aerosol guard	9 x 9 in.	1/ea
S1389-8	Blood aerosol guard	7 x 11 in.	1/ea
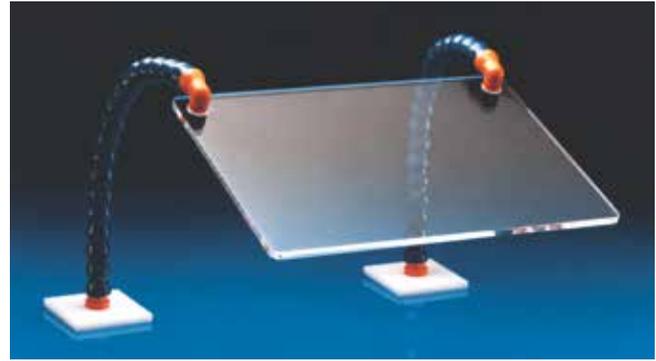
*Beta Flex Shield

Beta flex shield, made of ⅜ in. thick acrylic, is for use when dealing with beta-emitting isotopes. The shield is supported by two flexible 18 in. tubes that allow the shield to be adjusted to many different positions. The shield can be attached to most laboratory surfaces with the double-sided tape or screws that are provided. In addition, a C-clamp is available to offer alternative means of attaching the flex shield. Two C-clamps must be ordered for each beta flex shield.

Cat. No.	Description	Dimensions (H x W)	Qty.
S1389-96	Beta flex shield	12 x 18 in.	1/ea
S1389-98	C-clamp mount	Up to 2 in. grip	1/ea
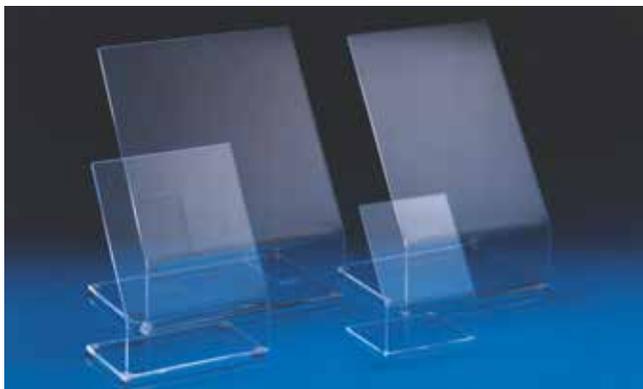
*Splash Shields

Four sizes of freestanding biohazard shields provide a clear protective ⅜ in. barrier between laboratory personnel and biohazardous materials. The shields taper back at an angle for easy viewing while their deep base offers a large work area for test tube racks, pipettes and other accessories. The slim-line shield is a narrow version of the large model. This size enables the technician to reach around the shield with both hands for easy access to the work site. The cell counter shield is for use with small manual and semi-automated hematology counters. Its base slides under the counter for added stability.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-75	Cell counter	10¼ x 8 x 6¾ in.	1/ea
S1389-76	Small	14¾ x 12 x 8 in.	1/ea
S1389-77	Large	20½ x 18 x 12 in.	1/ea
S1389-88	Slim-line	20¾ x 14 x 12½ in.	1/ea
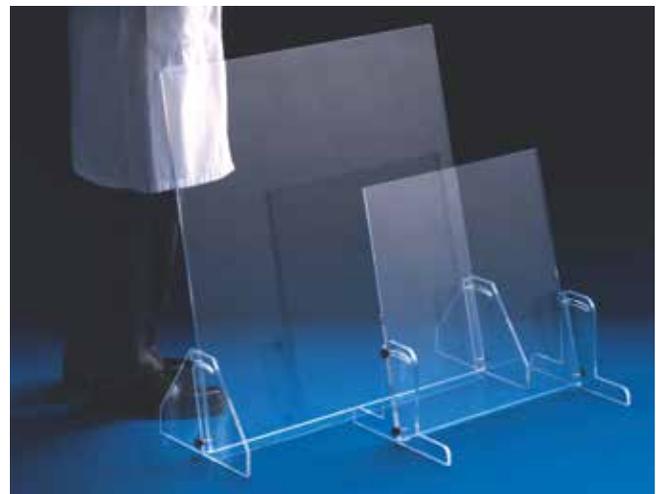
Adjustable Safety Shields

Adjustable safety shields help protect lab personnel from possible injury when dealing with instruments, reaction flasks, liquid handling equipment, etc. The ⅜ in.-thick clear acrylic shields can be adjusted ±20° from their vertical position to accommodate various equipment designs and space requirements. Two stabilizers support the shields on either side to prevent tipping. Two sizes available.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-78	Small	20 x 20 x 12 in.	1/ea
S1389-79	Large	30 x 30 x 12 in.	1/ea

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Specimen Transport Bags

Available in a variety of types and sizes with ziplock or adhesive closure. These bags are constructed with 2-mil thick polyethylene for durable yet flexible strength. The 3- and 4-wall construction separates samples and protects patient paperwork. Secure ziplock and durable thickness produce liquid-tight leak-resistant bags.

- Convenient pouch with or without flap for paperwork
- Perforated or scored opening
- Absorbent pad available
- Multiple sizes in clear or color with STAT or biohazard warnings
- Custom imprinting available

Bag type	Dimensions	Thickness	Color	Closure (zip/adhesive)	Perforations/ score line	Back pouch w/flap	Pouch in front	Bag w/ absorbent sheet	Qty.
Stat bags									
AD6X9STATR	6 x 10 in.	2mil	Red	Adhesive	Score line		Front pouch		1,000/cs
AD6X9STATY	6 x 10 in.	2mil	Yellow	Adhesive	Score line		Front pouch		1,000/cs
AD6X9STRDB	6 x 10 in.	2mil	Red	Adhesive	Perforations		Front pouch		Disp bx - 1,000/cs
AD6X9STYDB	6 x 10 in.	2mil	Yellow	Adhesive	Perforations		Front pouch		Disp bx - 1,000/cs
CH6X9STGRN	6 x 9 in.	2mil	Green	Zip lock	Score line		Front pouch		1000 cs
CH6X9STAT	6 x 9 in.	2mil	Red	Zip lock			Front pouch		1,000/cs
CH6X9STATF	6 x 9 in.	2mil	Red	Zip lock		Back pouch w/flap			1,000/cs
CH6X9STATY	6 x 9 in.	2mil	Yellow	Zip lock			Front pouch		1,000/cs
CH6X9STFA	6 x 9 in.	2mil	Red	Zip lock		Back pouch w/flap		3 x 4 in. Absorbent sheet	1,000/cs
CH8X10STAT	8 x 10 in.	2mil	Red	Zip lock			Front pouch		1000 cs
Biohazard bags									
AD6X9BIO	6 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD6X9BIOA	6 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch	3 x 4 in. Absorbent sheet	1,000/cs
AD6X9BIOB	6 x 10 in.	2mil	Blue	Adhesive	Score line		Front pouch		1,000/cs
AD6X9PERF	6 x 10 in.	2mil	Clear	Adhesive	Perforations		Front pouch		1,000/cs
AD10X10BIO	10 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD13X18BIO	13 x 18 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD15X17BIO	15 x 17 in.	2mil	Clear	Adhesive	Score line		Front pouch		500/cs
CH6X9BIO	6 x 9 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH6X9BIO4	6 x 9 in.	2mil	Clear	Zip lock			2 front pouches		1,000/cs
CH6X9BIODB	6 x 9 in.	2mil	Clear	Zip lock			Front pouch		Disp bx - 1,000/cs
CH6X9BIOF	6 x 9 in.	2mil	Clear	Zip lock		Back pouch w/flap			1,000/cs
CH6X9BIOFA	6 x 9 in.	2mil	Clear	Zip lock		Back pouch w/flap		3 x 4 in. Absorbent sheet	1,000/cs
CH6X9BLUEF	6 x 9 in.	2mil	Blue	Zip lock		Back pouch w/flap			1,000/cs
CH6X9GRNF	6 x 9 in.	2mil	Green	Zip lock		Back pouch w/flap			1,000/cs
CH6X9REDF	6 x 9 in.	2mil	Red	Zip lock		Back pouch w/flap			1,000/cs
CH6X9VIOF	6 x 9 in.	2mil	Purple	Zip lock		Back pouch w/flap			1,000/cs
CH6X9YLWF	6 x 9 in.	2mil	Yellow	Zip lock		Back pouch w/flap			1000 cs
CH8X8BIO	8 x 8 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH8X10BIO	8 x 10 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH8X10BIOD	8 x 10 in.	2mil	Clear	Zip lock			Front pouch		Disp bx - 1,000/cs
CH8X10BIOF	8 x 10 in.	2mil	Clear	Zip lock		Back pouch w/flap			1,000/cs
CH10X10BIO	10 x 10 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
CH12X15BIO	12 x 15 in.	2mil	Clear	Zip lock			Front pouch		1,000/cs
RF6X9PERF	6 x 9 in.	2mil	Clear	Zip lock	Perforations		Front pouch		1,000/cs
RF12X12X6	12¾ x 12 x 6 in.	2.5mil	Clear	Die cut handle, gusset bottom					1,000/cs
RF16X20B	16 x 20 in.	3mil	Clear	Zip lock					250/cs
Plain bags									
CH4X6CL	4 x 6 in.	2mil	Plain	Zip lock			Front pouch		1000/cs
CH5X8CL	5 x 8 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
CH6X9CL	6 x 9 in.	2mil	Plain	Zip lock			Front pouch		1000/cs
CH6X9CLF	6 x 9 in.	2mil	Plain	Zip lock		Back pouch w/flap			1,000/cs
CH8X10CL	8 x 10 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
CH9X12CL	9 x 12 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
CH12X15CL	12 x 15 in.	2mil	Plain	Zip lock			Front pouch		1,000/cs
Without biohazard									
AD6X9NL	6 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs
AD8X12NL	8 x 12 in.	2mil	Clear	Adhesive	Score line		Front pouch		1000/cs
AD10X10NL	10 x 10 in.	2mil	Clear	Adhesive	Score line		Front pouch		1,000/cs

Specimen Transport/Storage

Specimen Bags

Lab Specimen Transport Bags

Bags are available in a variety of standard sizes and clear or colored film with easy to use zip closure, reclosable adhesive or tamper evident adhesive closure systems. Biohazard symbol for immediate identification meets federal regulations and OSHA requirements.

Cat. No.	Description	Qty.
Reclosable adhesive closure with pouch/flap, biohazard labeling		
39-97	6 x 9 in., clear/black and red	1,000/cs
Tamper evident adhesive closure with pouch/flap, biohazard labeling		
59-93	10 x 10 in., clear/black and red	1,000/cs
Zip closure with pouch/flap, no print		
MA4080	6 x 9 in., clear	1,000/cs
Zip closure with pouch/flap, Tear Zone® feature, biohazard labeling		
MA4075	6 x 9 in., clear/black and orange	1,000/cs
4915.ORG	8 x 10 in., clear/black and orange	1,000/cs
49-99	9 x 12 in., clear/black and red	1,000/cs

Specimen Boxes

Heavy-duty Specimen Boxes

These keyless lock boxes are made of heavy-duty, 20-guage, white powder-coated galvanized steel to help resist rust and dents. Boxes are insulated to protect specimen integrity and fully gasketed to maintain a water-tight seal. Each box is equipped with an over-the-door metal strap to securely fasten to structure and attached door chain to help prevent samples from falling out of the container. Fits doors up to 1¾ in. thick.

Cat. No.	Description	Dimensions (H x W x D)
CHSBCK1000	Key lock - white	10½ x 14 x 7¼ in.
CHSBDL1000	Digital lock - white	10½ x 14 x 7¼ in.
CHSBCL1000	Combination lock - white	10½ x 14 x 7¼ in.

Amber Sample Container

Amber sample container is made of low-density polyethylene and has a 1 gal./3,500mL capacity. Amber tint helps eliminate specimen breakdown. Its injection-molded screw neck is bonded to the container. Includes cap. 100 containers per case.

Cat. No.	Description	Qty.
B7937-1	Amber sample container	100/cs

Cups with Caps

This disposable all-plastic specimen cup holds 8 oz. Cap has space for sample identification. Handles dry or liquid samples. Multiple cups can be nested for storage.

Cat. No.	Description	Qty.
C8826-1	Cup with cap - 8 oz.	50/pk, 250/cs

Empty Fixative Containers with Cap

These unlabeled polypropylene containers with caps come assembled in a bulk pack.

Cat. No.	Description	Qty.
C4320-3	15mL	100/pk
C4320-1	30mL	100/pk
C4320-2	60mL	50/pk
C4320-6	180mL	50/pk
C4320-12	360mL	24/pk
C4320-16	480mL	24/pk
C4320-32	900mL	9/pk

Multipurpose Containers

Use these multipurpose containers with lid for sample collection and storage. These stackable containers are available in various sizes, styles and materials to fit your specific laboratory needs. Choose polystyrene, polyethylene or polypropylene. Polypropylene is more resistant to solvents than the others and the lid provides a tighter seal.

Cat. No.	Description	Qty.
Polystyrene containers		
C8842-16X	16 oz.	100/cs
C8842-32	32 oz.	100/cs
Polyethylene containers		
C8842-8B	8 oz.	100/cs
C8842-86A	86 oz.	25/cs
C8842-163	163 oz.	10/cs
Polypropylene containers		
C8842-8C	8 oz.	100/cs
C8842-16B	16 oz.	100/cs
C8842-32B	32 oz.	100/cs
C8842-190A	190 oz.	10/cs

Polypropylene Specimen Container

Nonsterile polypropylene container is graduated to 4 oz. and 120mL/cc. The blue screw-on lid has space for patient ID.

Cat. No.	Description	Qty.
C13005	Polypropylene specimen container	500/cs

Specimen Transport/Storage

Specimen Containers and Cups

Sample Containers

Clear polystyrene containers provide an excellent view of the contents. The 8 oz. containers are graduated to 6½ oz. in ½ oz. increments and to 190cc in 10cc increments.

Cat. No.	Description	Qty.
B7935-1	8 oz. sample container	500/cs
B7935-2	8 oz. sample container with lid	500/cs
B7935-10A	Paper lid	25/pk, 20 pk/cs

Screw-Top Specimen Containers

These 4 oz. sterile polypropylene specimen containers are enclosed in peel-open pouches for aseptic delivery onto a sterile field.

Cat. No.	Description	Qty.
13594-130	4 oz. specimen container	100/cs

Snap Cap Specimen Containers

These containers are ideal for collecting, measuring and handling different types of specimens. For added security during transport, all sterile containers are available with a translucent snap cap, either with the container or separately. The containers are graduated in 10mL and ½ oz. increments up to 240cc. Designed for quick visualization and measurement of contents.

Cat. No.	Description	Qty.
5 oz. containers		
C8835-1	Container	500/cs
C8835-2	Container with lid, individually-wrapped	100/cs
8 oz. containers		
C8835-3	Container	500/cs
C8835-4	Container with lid, individually-wrapped	100/cs
Snap cap lid		
C8835-5	For 5 and 8 oz. containers	500/cs

Specimen Container

Specimen container is economical for basic use. Easy to read graduations marked in 10mL and ½ oz. increments up to 120mL. There is ample space for writing on the container or lid.

Cat. No.	Description	Qty.
PC8827-500	4.5 oz. - no label	500/ct

Specimen Container with Snap Cap

Made of polypropylene for solvent resistance, this stackable multipurpose container makes storing small samples convenient. The container comes complete with a tight-fitting lid. Capacity is 5 oz. Container measures 2¾ x 2⅝ in.

Cat. No.	Description	Qty.
C8842-4X	Stackable container	300/cs

C13900 *CHB13902*

Specimen Containers

Ideal for the collection and transport of patient samples including urine and sputum and also for use with formalin and fixative fills. Specimen containers are manufactured from shatterproof polypropylene featuring a cap design to help prevent leakage. Stackable for ease of storage and bagged or individually wrapped for maximum flexibility. C13900 and C13901 feature an audible click to tell you the seal has been engaged and a tamper-evident patient ID label.

Cat. No.	Description	Qty.
C13900	4 oz. click seal sterile, bulk pack	200/cs
C13901	4 oz. click seal sterile, individually wrapped	100/cs
CHB13902	90mL/48mm sterile, orange cap	100/pk, 4 pk/cs
CHB13903	90mL/53mm sterile, orange cap	100/pk, 4 pk/cs
CHB13904	120mL/53mm sterile, orange cap	75/pk, 4 pk/cs
CHB13905	120mL/53mm sterile, orange cap, individual peel pouch	100/cs

Specimen Containers

These 4 oz. break-resistant polypropylene containers are ideal for liquid and solid specimens. Graduated to help ensure accurate measurements. The plastic screw-top cap provides a leak-resistant seal. A pressure-sensitive ID label is provided.

Cat. No.	Description	Qty.
C8827-4	Sterile inner surface, individually-wrapped	100/cs
C8827-14	Nonsterile, bulk pack	500/cs
C8827-24	Sterile inner surface, individually-wrapped (without label)	100/cs

Specimen Pan

Specimen pan securely fits standard toilets and commodes. The winged edges help facilitate installation, handling and removal. Quick visualization and measurement of specimens are easily achieved while the large capacity helps reduce the risk of spills. Handy pour spout permits specimens to be discarded quickly and safely.

Cat. No.	Description	Qty.
SPECPAN01	Specimen pan	50/cs

Triangular Measuring Graduate

Ideal for measuring intake or output, these easy to handle graduated containers have a frosted panel for writing pertinent patient information. All are graduated in 50cc and 2oz. increments up to 1,000cc's and 32oz.

Cat. No.	Description	Qty.
MEASURECLR	Clear - 32 oz. graduate	200/cs
MEASUREOPQ	Opaque - 32 oz. graduate	200/cs

Specimen Double Mailers

Specimen double mailers include a tight, seamless inner aluminum can and an outer mailing tube. The outer tube is covered with white paper so that required biohazard warning labels are easy to see (order labels separately). The PVC flow-in liner in the cap of the aluminum can provides a seal.

Cat. No.	Outer Tube Size (I.D. x L, in.)	Inner Can Size (O.D. x L, in.)	Qty.
Double mailers			
M1053-5	1¾ x 6⅝	1½ x 6⅜	50/cs
M1053-6	2 x 3¾	1¾ x 3⁷⁄₁₆	50/cs
M1053-7	2 x 5	1¾ x 4¾	50/cs
M1053-8	2¼ x 5¾	2 x 5½	50/cs
M1053-9	2¾x 6¼	2½ x 6	50/cs
M1053-10	3⅛ x 6¼	3 x 6	50/cs
Outer mailing tubes only			
M1051-1	1¼ x 5¼	–	50/cs
M1051-2	1¼ x 6⅝	–	50/cs
M1051-3	1¾ x 4	–	50/cs
M1051-5	1¾ x 6⅝	–	50/cs
M1051-6	2 x 3¾	–	50/cs
M1051-7	2 x 5	–	50/cs
M1051-8	2¼ x 5¾	–	50/cs
M1051-9	2¾ x 6¼	–	50/cs
M1051-10	3⅛ x 6¼	–	50/cs

Specimen Transport/Storage

Specimen Transport/Storage

Sputum Collection/Urinalysis Containers, Kits and Accessories

Sputum Collection System

This disposable, sterile system is preassembled and wrapped in easy-to-open Tyvek® packaging. All parts are made of sturdy, flexible polypropylene, including the extra-wide funnel, lid, screw cap, graduated 50mL collection tube and base unit. The cap is stored in a socket inside the lid unit, so you can apply the cap to the centrifuge tube without touching it.

All parts fit together firmly and disassemble easily. Removable lid, stable base for ease of use. Collection tube features a special inner lip to help prevent leakage. Includes identification label. Autoclavable.

Tyvek® is a registered trademark of E.I. du Pont de Nemours and Co.

Cat. No.	Description	Qty.
C8848-1	Sputum collection system - 50mL	72/cs

24-Hour Urine Containers

These containers help make processing 24-hour urine tests safer by featuring a highly accurate scale so you can conduct volume measurement without pouring the urine into a graduated cylinder. Available in two styles with a custom cap and gasket design or a spout top to pour an aliquot of urine directly into a test tube or centrifuge tube.

Cat. No.	Description	Qty.
U3010-3	Screw cap - 3,000mL	40/cs
U3010-3B	Screw cap, bilingual patient label - 3,000mL	40/cs
U3010-1	Spout top - 2,500mL	40/cs
U3010-2	Spout top - 3,500mL	24/cs
Optional accessories for U3010-1 and U3010-2		
U3010-12	Patient instruction stickers, 250/roll	6 rl/cs

Urinalysis System and Components

Ready-to-use disposable components are designed to work in conjunction with one another for consistent and cost-effective performance. Kits and components standardize critical steps in the macroscopic and microscopic examination of clinical urine specimens.

Cat. No.	Description	Qty.
Complete system pack for urine collection/transport/testing up to 500 urine samples		
CH3048-2A	5 bags of 100 ultra urine tubes 5 bags of 100 urine cups 5 bags of 100 caps for urine tubes 5 bags of 100 labels 5 transport racks	1 kit/cs
Complete system pack II for urine collection/transport/testing up to 500 urine samples		
CH2195-1	5 bags of 100 economy urine tubes 5 bags of 100 urine cups 5 bags of 100 caps for urine tubes 5 bags of 100 labels 5 transport racks	1 kit/cs
Economy system pack for 500 urinalysis determinations		
CH3050-8	500 economy urine tubes 500 urine decanting pipettes 500 10-chambered slides	1 kit/cs
Ultra system pack for 1,000 urinalysis determinations		
CH3050-9	1,000 ultra urine tubes 1,000 urine decanting pipettes 100 10-chambered slides	1 kit/cs
Ultra system pack with caps for 1,000 urinalysis determinations		
CH3050-5	1,000 ultra urine tubes 1,000 caps for urine tubes 1,000 urine decanting pipettes 100 10-chambered slides	1 kit/cs
Components		
CH3050-1	Economy urine tubes - 12mL graduated, polystyrene	500/cs
CH3050-2	Ultra urine tubes - 12mL graduated, break-resistant	500/cs
CH3050-3	Caps for urine tubes	500/cs
CH3050-4	Urine decanting pipettes	500/pk, 10pk/cs
CH3050-17	10-chambered slides	100/pk, 10pk/cs

Specimen Transport/Storage

Data Loggers

CHD00408, Temperature USB data logger

Back of CHD00408RH, Temperature and RH USB data logger

Data Loggers

Micro-Therm USB data loggers feature a three-digit LCD display and built-in USB 2.0 connector for monitoring and recording temperature or relative humidity (rH). Manufactured to stringent standards, the data loggers are 4.3 in. long by 1 in. thick. They feature a wide temperature range, high accuracy and large 8,000 or 32,000 sampling memory. They also offer analysis functionality such as statistics maximum, minimum and average, enabling a quick glance summary of the environment and historical breakdown. Data can be displayed on the small numeric LCD screen or downloaded to PC via the USB 2.0 connector. To further ensure easy global usage, the battery is easily replaceable since it is a standard model used worldwide.

- **NIST Compliant® with certificate**
- High resolution 16-bit logger
- High sampling rate of one per second
- High functionality low cost multi-trip logger for an unbroken cold chain
- USB 2.0 interface for fast track communication and firmware updates
- Unique Boomerang feature automatically creates and emails PDF data report when connected to PC
- Rapid data download to graph, table view and Excel spreadsheet
- Built-in LCD with decimal point readings and LED alarm indicator
- High accuracy sensors with 16-bit resolution
- Up to a two-year battery life using Nano Watt technology
- Up to 8,000 and 32,000 sample memory accommodating long-haul transports
- Reed switch using magnet key to mark time stamps, activate and stop logging
- Built-in real time clock and calendar
- Dust and water proof
- Wall mounting cradle for fixed monitoring
- Includes Mirco-Therm Lite software and manual

Cat. No.	CHD00408	CHD00408RH
Range	-40°C to 80°C temp	-40°C to 80°C temp / 5 to 95% RH
Accuracy	0.3°C temp	0.3°C Temp / 2% RH
Resolution (16-bit)	0.1°C display / 0.06°C software	0.04°C display / 0.06°C software / 0.5% RH
Data capacity	8,000 samples	32,000 samples
Sampling rate	1 per second to 1 every 2 hours	1 per second to 1 every 18 hours
Boomerang feature	No	Yes
Alarm	No	LED indicator
Battery life	~ 1.5 years	~ 2.0 years
Dimensions with cap	4.3 x 1.5 x 1 in. (11 x 3.9 x 2.6cm)	4.3 x 1.5 x 1.2 in. (11 x 3.9 x 3cm)
Compliance	IP68, EN12830, CE	IP54, EN12830, CE
Wall mount	No	Yes
Output	USB 2.0 interfaceUSB 2.0 interface	
Weight	1.6 oz. (45.5 grams)	
Display	3-digit 7-segment LCD with decimal point	
Indicator	Low battery warning	
Battery	Replaceable 3V lithium battery - CR2032	
Software	Micro-Therm Lite for Windows	

*LCD display: When exposed to temperatures below 5°F (-15°C) Liquid Crystal Displays (LCD) lose contrast and their refresh rate slows. This may result in illegible readings shown on the display. The decline of the LCD function does not affect the sensor recording temperature and the correct values are captured.

Temperature Monitoring

Hygrometers - Analog/Digital

Analog Dial Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Product size: 4½ in. diameter, 112 x 40 x 120mm
- "Super-ex-Sensor" for particularly exact and fast measurement

Specifications:
Temperature range. . . . .-30°C to 50°C
Temperature accuracy. . . . .±1°C, -20° to 40°C
Humidity range . . . . .10% to 90% RH
Humidity accuracy . . . .±3%, 35% to 70% RH

Cat. No.	Description	Qty.
CH9506-16	Analog dial thermometer/hygrometer	1/ea

Dial Barometer Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Min/max with memory recall

Specifications:
Temperature range. . . . .-10°C to 55°C
Humidity range . . . . .20% to 100% RH

Cat. No.	Description	Qty.
CH2504-1	Dial barometer thermometer/hygrometer	1/ea

Digital 2-Point Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Internal and external temperature with humidity LCD display
- External probe with 9 ft. sensor probe wire
- °C/°F switchable
- Flip-out stand or hang
- Low battery indicator
- AAA 1.5V battery included

Specifications:
Temperature range. . . . . .Internal 0°C to 50°C (32°F to 122°F)
External -40°C to 70°C (-40°F to 158°F)
Temperature accuracy. . . . .±1°C, 0°C to 40°C (±1.8°F, 32°F to 104°F)
Humidity range . . . . .20% to 99% RH
Humidity accuracy . . . .±5%, 30% to 80% RH rest ±7%

Cat. No.	Description	Qty.
CH9506-1	Digital 2-point thermometer/hygrometer	1/ea
CH9506-13	Digital 2-point thermometer/hygrometer with outside probe	1/ea

Double - Triple Digit Display Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Double - triple digits display
- Current, min/max memory of temperature and humidity
- Min/max with daily auto or manual reset
- °C/°F switchable
- Flip-out stand or hang
- Low battery indicator
- AAA 1.5V battery included

Specifications:
Temperature range. . . . .-10°C to 70°C (14°F to 158°F)
Temperature accuracy. . . . .±1°C (±1.8°F)
Humidity range . . . . .20% to 99% RH
Humidity accuracy . . . .±4%, 35% to 75% RH rest 5%

Cat. No.	Description	Qty.
CH9506-3	Digital 2-point thermometer/hygrometer with outside probe	1/ea

Large Digit Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Min/max memory of temperature and humidity
- °C/°F switchable
- Flip-out stand
- Low battery indicator
- Battery included

Specifications:

Temperature range. . . . .-10°C to 60°C (-14°F to 140°F)
Temperature accuracy. . . . .±1°C (±1.8°F)
Humidity range . . . .+10% to 99% RH
Humidity accuracy. . . . . ±5%, 25% to 75% RH
at 0°C to 50°C (32°F to 122°F)
Resolution . . . . .0.1° temperature and relative humidity

Cat. No.	Description	Qty.
CH9506-11	Large digit thermometer/hygrometer	1/ea

Min/Max Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Time/temperature/humidity/ week display with month and day
- Min/max memory of temperature and humidity
- °C/°F switchable
- Product size: 102 x 21 x 110 mm
- AAA 1.5V battery included

Specifications:

Temperature range. . . . . . -10°C to 60°C (+14°F to +140°F)
Temperature accuracy. . . ±1°C, 10°C to 50°C (±1.8°F, 14°F to 122°F)
Humidity range . . . . 10% to 99% RH
Humidity accuracy . . . . . . ±5%, 25% to 75% RH at 0°C to °C (32°F to 122°F)

Cat. No.	Description	Qty.
CH9506-15	Min/max thermometer/hygrometer	1/ea

Large Digit Thermometer/Hygrometer with Alarm Clock

- **NIST Compliant® with certificate**
- 12/24 hour format alarm clock
- Display size 79 x 66 mm
- Min/max memory of temperature and humidity
- °C/°F switchable
- 10 second display refresh
- Flip-out stand or hanging
- Product size: 98 x 110 x 21mm (W x H x D)
- AAA 1.5V battery included

Specifications:

Temperature range. . . . . .Internal 0°C to 50°C (32°F to 122°F)
External -50°C to 70°C (-58°F to 158°F)
Temperature accuracy. . . . . . .±1°C (±1.8°F)
Humidity range . . . . .20% to 100% RH
Humidity accuracy . . . .±5% RH

Cat. No.	Description	Qty.
CH2972	Large digit thermometer/hygrometer with alarm clock	1/ea

Min/Max Thermometer/Hygrometer with Internal–External Temperature

- **NIST Compliant® with certificate**
- Time/temperature/humidity/ week display with month and day
- Two modes of time display: 12/24 hour
- Everyday alarm function
- Min/max memory of temperature and humidity
- °C/°F switchable
- Product size: 110 x 58 x 18mm
- AAA 1.5V battery included

Specifications:

Temperature range: . . . .
Internal -10°C to +50°C (+14°F to +122°F)
External -50°C to +70°C (-58°F to +158°F)
Humidity range . . . . 10% to 99% RH

Cat. No.	Description	Qty.
CH9506-2	Min/max thermometer/hygrometer with internal–external temperature	1/ea

Temperature Monitoring

Hygrometers - Digital

Multi-Remote Environment Monitoring Station

- **NIST Compliant® with certificate**
- LCD displays temperature and humidity with comfort level
- Local/remote temperature min/max memory with time stamp
- °C/°F switchable
- Relative Humidity (RH) percent with min/max memory
- Wireless monitor up to three remote transmitters
- Relative atmospheric pressure with adjustable reference value
- Graphic display of relative air pressure for last 12 hours
- Weather forecasting with weather tendency indicator
- Radio controlled clock, date, time zone
- 12/24 hour time display
- Time zone option ±12 hours
- Weekday and day calendar display
- Two AA 1.5V batteries for each base and remote

Specifications:

Transmission. . . . . 868Mhz - max distance 300 ft. (91.44m)

Base Station:

Temperature range. . . -10°C to 60°C (14°F to 140°F) 0.1°C (0.2°F) resolution
Humidity range . . . . . . 1% to 99% RH with 1% resolution

Remote Transmitter:

Temperature range. . . -40°C to 60°C (-40°F to 140°F) 0.1°C (0.2°F) resolution

Cat. No.	Description	Qty.
CH4195	Multi-remote environment monitoring station	1/ea

Pocket Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Min/max memory of temperature and humidity
- °C/°F switchable
- Rubber coated
- LCD display: 2¼ x ½ in.
- Dimensions: 6½ x 1½ in.
- Low battery indicator
- Plastic storage case and battery included

Specifications:

Temperature range. . . . . .0°C to 50°C (-32°F to 120°F)
Temperature accuracy. . . . .±0.5° celsius and fahrenheit
Humidity range . . . .+20% to 100% RH
Humidity accuracy . . . .±4% mid range ±6% elsewhere
Resolution . . . . .0.1 temperature and relative humidity

Cat. No.	Description	Qty.
CH9509	Pocket thermometer/hygrometer	1/ea

Precision Bench Thermometer/Hygrometer

- **NIST Compliant® with certificate**
- Room temperature
- Indoor relative air humidity
- Minimum/maximum values
- Dew point indication and wet bulb temperatures
- Acoustic and optical alarm function for all parameters

Specifications:

Temperature range. . . . .-40°C to 70°C
Temperature accuracy. . . . .±0.5°C, 0°C to 60°C, otherwise ±1°C
Humidity range . . . . .1% to 99% RH
Humidity accuracy . . . .±3%, 35% to 75% RH, otherwise ±5%

Cat. No.	Description	Qty.
CH4410	Precision bench thermometer/hygrometer	1/ea

Thermometer/Hygrometer with Remote Sensor

- **NIST Compliant® with certificate**
- LCD displays temperature and humidity with comfort level
- Local/remote temperature min/max memory with time stamp
- °C/°F switchable
- Relative Humidity (RH) percent with min/max memory
- Wireless monitor up to three remote transmitters
- Radio controlled time with manual setting options
- 12/24 hour time display
- Time zone option ±12 hours
- Weekday and day calendar display
- Wall mounting or table standing base station
- Optional external probe - remote transmitter
- Dimensions: 81 x 32 x 143.5mm (base), 41 x 19 x 128mm (remote)
- Low battery indicator (base)
- Two AA 1.5V batteries for each base and remote

Specifications:

Transmission. . . . . . . 868Mhz - max distance 300 ft. (91.44m)

Base Station:

Temperature range. . .-10°C to 60°C (14°F to 140°F) 0.1°C (0.2°F) Resolution
Humidity range . . . . . . 1% to 99% RH with 1% resolution

Remote Transmitter:

Temperature range. . .-40°C to 60°C (-40°F to 140°F) 0.1°C (0.2°F) Resolution

Cat. No.	Description	Qty.
CH9506-14	Thermometer/hygrometer w/remote sensor	1/ea

Digital Contact/Photo Tachometer - Touch

The Contact/Photo Tachometer measures the rpm safely and accurately without attachment to the object. The five-digit LCD display is easily read.

A **NIST Compliant® certificate** is provided from a ISO 17025 ilac accredited laboratory.

- Memory: last value, minimum and maximum values
- Test range select: automatic
- Included with unit: carry case, reflective tape, rpm adapter cone and rpm adapter funnel
- Four AA 1.5V batteries included

Specifications:

Range . . . . Contact: 2.5 to 19,999 rpm, Photo: 2.5 to 99,999 rpm
Resolution . . . . ±0.1 rpm (2.5 to 999.9 rpm) ±1 rpm (above 1000 rpm)
Accuracy. . . . . ±0.05% +1 rpm
Sample Time . . . . 1 second
Detecting Distance. . . . . 50 to 250mm (2 to 10 in.)

Cat. No.	Description	Qty.
CH3316-7	Digital contact/photo tachometer - touch	1/ea

Digital Photo (Laser) Tachometer - Touchless

Laser type/touchless operation, although complex and advanced, it is easy to use and operate. A five- digit LCD display shows the readings. The tachometer uses a precision quartz crystal for an accurate time base.

A **NIST Compliant® certificate** is provided from a ISO 17025 ilac accredited laboratory. The certificate shows traceability to a NIST standard.

- Memory: last value, minimum and maximum values
- Test range select: automatic
- Included with unit: carry case and reflective tape
- Four AA 1.5V batteries included

Specifications:

Range . . . . .2.3 to 9,999 rpm
Resolution . . . .±0.1 rpm (2.5 to 999.9 rpm) ±1 rpm (above 1000 rpm)
Accuracy. . . . .±0.05% +1 rpm
Sample Time . . . . .1 second
Detecting Distance. . . . . .50 to 250mm (2 to 10 in.)

Cat. No.	Description	Qty.
CH3316-8	Digital photo (laser) tachometer - touchless	1/ea

Multifunctional Photo, Contact and Surface Tachometer

This instrument combines the measurements in rpm of many lab instruments such as centrifuges, motors, and stirrers. The measurement is made in 1 to 3 seconds and the memory feature allows recalling the minimum, maximum and the last reading. One end of the tachometer provides contact readings with a rotating spindle; the other end makes touchless readings with a light beam utilizing self adhesive tabs. The ACCPTC900 utilizes a precision quartz crystal for an accurate time base.

A **NIST Compliant® certificate** is provided from a ISO 17025 ilac accredited laboratory. The certificate shows traceability to a NIST standard.

- Memory: last value, minimum and maximum values
- Test range select: automatic
- Included with unit: carry case, reflective tape, rpm adapter cone, rpm adapter funnel and surface speed test wheel
- Four AA 1.5V batteries included

Specifications:

Contact Range . . . . .2.5 to 19,999 rpm
Photo Range. . . . . .2.5 to 99,999 rpm
Surface Range . . . . .0.05 to 1,999.9meter/min. and 0.2 to 6,560 ft./min.
Resolution . . . . .0.1 rpm (2.5 to 999.9 rpm) 1 rpm above
Accuracy. .Tach: 0.05% + 1 rpm, Surface speed: 0.05% + 0.03meter/min
Sample Time . . . . .1 second
Detecting Distance. . . . . .50 to 250mm (2 to 10 in.)

Cat. No.	Description	Qty.
CH3316-6	Multifunctional photo, contact and surface tachometer	1/ea

Temperature Monitoring

Thermometers - Bottle

Accu-Safe Enclosed Chamber Bottle Thermometers

ACCU-SAFE thermometers are environmentally friendly spirit filled non-mercury thermometers sealed in a PTEF jacket that contains liquid and glass if breakage occurs and are housed in unbreakable plastic bottles filled with a non-toxic Bio-Safe medium. Economical, precise and reliable means of measuring critical temperatures in blood bank refrigerators, ultra-low freezers, freezers, refrigerators, incubators, ambient/room, block heaters and ovens. Each bottle thermometer have their own unique serial number and are supplied with a **NIST traceable certificate**.

CH0101S   T8401-1   T8401-3   T8401-4   T8401-6   T8401-7   T8401-48   T8401-85

- Thermometers in 0.5°C and 1°C divisions
- Thermometers are fluoropolymer coated for protection
- Unbreakable bottle filled with Bio-Safe glycol/water bottle medium
- Space saving magnets for bottles

Cat. No.	Description	Range	Divisions	Bottle Media
T8401-48	Block heater bottle thermometer	18°C to 60°C	0.5°C	mineral oil - 1 mL
T8401-85	Block heater bottle thermometer	50°C to 110°C	0.5°C	mineral oil - 1 mL
CH0101S	Freezer bottle thermometer	-30°C to 0°C	0.5°C	glycol/water - 30 mL
T8401-4	Freezer bottle thermometer	-30°C to 0°C	0.5°C	glycol/water - 30 mL
T8401-7	Freezer-ultra-low, bottle thermometer	-90°C to 20°C	1°C	sand - 60 mL
T8401-3	Incubator bottle thermometer	18°C to 50°C	0.5°C	glycol/water - 30 mL
T8401-1	Refrigerator bottle thermometer	-5°C to 15°C	0.5°C	glycol/water - 30 mL
T8401-6	Refrigerator-blood bank bottle thermometer	-5°C to 20°C	0.5°C	glycol/water - 250 mL

Cooler Thermometer

- N.I.S.T. traceable

Cat. No.	Description	Range	Bottle Media
CHER-0040	Cooler thermometer	-10°C to 20°C	50mL vial w/liquid

Therm-Chex Environmental Chamber Thermometer Kits

Therm-Chex thermometers are completely sealed in a fluoropolymer PTEF jacket and then enclosed with the buffered media bottle in a plastic sleeve to contain fluids should breakage occur, preventing product contamination. Therm-Chex thermometers can be strategically placed anywhere within fridge or freezer wall using supplied magnetic pair.

- **NIST Compliant® with certificate**
- Thermometers in 0.5°C and 1°C divisions
- Thermometer housed in protective sleeve
- Fluoropolymer coated thermometer for safety
- Red and blue spirit
- Bio-Safe glycol/water bottle medium
- Suspend or attach magnetically
- Monitor refrigerators, freezers, incubators

Cat. No.	Description	Range	Divisions	Bottle Media
CH2401BLS	Freezer blue spirit-filled thermometer	-30°C to 0°C	0.5°C	glycol/water - 5mL
CH240046	Freezer red spirit-filled thermometer	-30°C to 0°C	0.5°C	glycol/water - 5mL
CH24004S	Freezer-ultra-low spirit-filled thermometer	-90°C to 20°C	1°C	glycol/water - 5mL
CH240052	Refrigerator blue spirit-filled thermometer	-5°C to 15°C	0.5°C	glycol/water - 5mL
CH240043	Refrigerator red spirit-filled thermometer	-5°C to 15°C	0.5°C	glycol/water - 5mL
CH240053	Incubator blue spirit-filled thermometer	18°C to 50°C	0.5°C	glycol/water - 5mL
CH2403S	Incubator red spirit-filled thermometer	18°C to 50°C	0.5°C	glycol/water - 5mL

CH2941-5 - CH2941-6

CH8002CL

Dual Temp Digital Thermometers

Dual temp thermometers allow putting one probe in the freezer and another in the refrigerator (or measure two areas of a refrigerator). Audible and visual alarm feature provides alert when temperature rises above or falls below two set points. Alarm is programmable in 1° increments. Three foot micro-cable permits refrigerator or freezer doors to close without seal on it. Buffered bottle media models contain glycol/water a thermal dampening media housed in a 5mL bottle, used to minimize temperature spikes caused when a instrument door is opened for a period of time and thereby preventing false alarms. Suction cup probes attach to refrigerator or freezer wall. Two AAA alkaline 1.5V batteries included. Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**
- Bio-Safe glycol/water probe medium
- Min/max temperature memory recall
- Visual and buzzer alarm
- °C/°F switchable
- Programmable alarm in 1° increments
- 3 ft. micro-cable probe
- Alarm duration indication
- Low battery indication
- Flip out desk stand
- Magnets and velcro for attachment

Specifications:

Resolution . . . . 0.1°C/°F
Accuracy. . . . . ±1°C
Dimensions. . . . . 3½ x 1¾ x 1 in.

Cat. No.	Description	Qty.
CH2941-5	-40°C to 70°C range - glycol/water 5 mL	1/ea
CH2941-6	-40°F to 158°F range - glycol/water 5 mL	1/ea
CH8002CL	-40°C to 70°C (-40°F to 158°F) range - suction cup holders	1/ea

Hi-Temp Digital Thermometer

Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**
- Min/max temperature memory recall
- Temperature probe housed in plastic bottle filled with USP sand.
- Bottles and thermometers have double magnets for attachment
- °C/°F switchable
- Stainless steel probe has a 32 in. cable

Specifications:

Range . . . . -50°C to 130°C
Resolution . . . . .0.1°C/°F
Accuracy. . . . .±0.5°C
Dimensions. . . . . .Display: 35 x 15mm
              Thermometer: 95 x 65 x 18mm

Cat. No.	Description	Qty.
CH240056	Thermometer - oven, incubator, water bath - 60mL bottle with sand	1/ea

Temperature Monitoring

Thermometers - Digital Bottle

CH-4148

CH-4648

Triple Display - Large Digit Alarm Digital Thermometer

The Triple Display Digital Thermometer simultaneously shows the current, minimum, and maximum temperatures and updates continuously. An audible alarm will sound when the temperature rises

CH2960-5

above or goes below the set temperatures. Temperature probe is housed in a plastic bottle filled with a Bio-Safe nontoxic, non-hazardous liquid medium. Reset buttons on front panel. Thermometers are supplied with dual magnets and velcro sets to allow attachment to walls or doors. AAA alkaline 1.5V batteries included. Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**
- Audible alarm
- Bio-Safe glycol/water probe medium
- Displays current, minimum and maximum temperatures
- °C/°F switchable
- 9 ft. micro-cable probe
- Flip out desk stand
- Wall mounting key hole
- Magnets and velcro for attachment

Specifications:

Range . . . . -50°C to 70°C
Resolution . . . . 0.1°C / °F
Display Accuracy . . . . ±0.5°C / °F

Cat. No.	Description	Qty.
CH-4148	Thermometer with probe only	1/ea
CH-4648	Vaccine bottle - glycol/water 5mL bottle	1/ea
CH-4548	Incubator - glycol/water 30mL bottle	1/ea
CH2960-5	Refrigerator/Freezer - glycol/water 30mL bottle	1/ea

Triple Display - Time and Date Stamp Digital Alarm Thermometer

Temperature monitors for refrigerators, freezers and incubators. Simultaneously shows the current, minimum, and maximum temperatures and updates continuously. An audible and visual alarm will trigger when the temperatures goes above or below the set temperatures. The thermometer probe is housed in an unbreakable plastic vial filled with a Bio-Safe buffering media which maintains the thermometer reading while the

CH2960-4

refrigerator or freezer door is open. Thermometers are supplied with dual magnets and velcro sets to allow attachment to walls or doors. Two AAA alkaline 1.5V batteries included. Each thermometer is certified, serialized and traceable to NIST.

- **NIST Compliant® with certificate**
- Visual LED and audible beeping alarms
- Bio-Safe glycol/water probe medium
- Min/max temperature with time and date stamp readings in memory
- Low/high alarm limit setting
- °C/°F switchable
- Low battery indication
- 12/24 hour time display format
- Flip out desk stand
- Wall mounting key hole
- Magnets and velcro for attachment

Specifications:

Range . . . . -50°C to 70°C
Display Resolution . . . . 0.1°C
Display Accuracy . . . . ±0.3°C
Display Reading Update . . . . 10 Seconds
Alarm Setting Resolution . . . . . . 0.1°C
Time Accuracy . . . . ±1 Second Per Day
Working Temperature . . . . 0 to 50°C
Dimensions . . . . Display: 47 x 39mm (W x H)
Product: 75 x 120 x 19mm (W x H x D)

Cat. No.	Description	Qty.
CH2960-3	Thermometer - probe only no bottle	1/ea
CH2960-4	Thermometer - glycol/water 5mL bottle	1/ea

CH2971-7

CH2971-8

Big See-Thru Glass Door Digital Thermometer

- **NIST Compliant® with certificate**
- Triple display current, minimum/maximum temperatures
- Weather resistant
- Manual reset

Specifications:

Range . . . . .Fahrenheit model: -13°F to 158°F
Celsius model: -25°C to 70°C

Cat. No.	Description	Qty.
CH2971-7	Fahrenheit see-thru glass door thermometer	1/ea
CH2971-8	Celsius see-thru glass door thermometer	1/ea

Economy Refrigerator Thermometer

- **NIST Compliant® with certificate**
- LCD viewing area: 20 x 30mm
- Suction pad affixes to any flat surface

Specifications:

Range . . . .-20°C to 60°C
Accuracy. . . . .±1°C
Dimensions. . . . . .43 x 85mm

Cat. No.	Description	Qty.
CH2971-5	Refrigerator thermometer	1/ea

Internal-External Min/Max Memory Digital Thermometer

- **NIST Compliant® with certificate**
- Tri-display for current, minimum and maximum temperatures
- Internal and external temperature measuring
- Programmable low and high alarm limit
- External probe with 3 meter cord length
- °C/°F switchable
- 10 second display update
- Low battery indication
- Magnets and velcro for attachment

Specifications:

Range . . . . .Internal 0°C to 50°C (32°F to 122°F)
External -50°C to 70°C (-58°F to 158°F)
Resolution . . . . .0.1° C/F
Accuracy. . . . .±1°C (1.8°F)

Cat. No.	Description	Qty.
CH2212-2	Celsius internal-external thermometer	1/ea
CH4120	Fahrenheit internal-external thermometer	1/ea

Large Digit Internal-External Min/Max Digital Thermometer

- **NIST Compliant® with certificate**
- Large dual display
- Min/max temperature memory recall
- External sensor cable length 10 ft.
- °C/°F switchable
- Wall mounting or flip-out table stand
- AAA 1.5V battery included

Specifications:

Range . . . . Internal -10°C to 60°C (14°F to 140°F)
External -50°C to 70°C (-58°F to 158°F)
Resolution . . . . 0.1° C/F
Accuracy. . . . .±1°C, 0°C to 50°C (±1.8°F 32°F to 122°F)
±2.0°C, -50°C to 0°C (±3.6°F -58°F to 32°F)

Cat. No.	Description	Qty.
CH4126	Large digit internal-external thermometer	1/ea

Temperature Monitoring

Thermometers - Digital General Use

Low Temp Digital Thermometer

Thermometer accurately monitors temperatures in ultra-low freezers, water baths, incubators and refrigerators.

- **NIST Compliant® with certificate**
- Fast-response 100 ohm platinum probe
- Probe 0.16 x 3 in. long, overall length 5 in.
- Micro-cable permits freezer doors to close (9.6 ft. of cable)
- Triple purpose probe liquids -air/gas-frozen material
- Magnets and velcro for attachment
- 9V battery and carrying case included

Specifications:

Range . . . .-99.9°C to 199.9°C
Resolution . . . . .0.1°C
Accuracy. . . . .±2°C
Dimensions. . . . . .2.75 x 4.25 x 0.75 in.
Weight . . . . .4.25 oz.

Cat. No.	Description	Qty.
CH2971-6	Low temp thermometer	1/ea

Mini Digital Thermometer

- **NIST Compliant® with certificate**
- 5 in. stainless steel probe with protective plastic cap
- One second normal temperature sensing time
- Min/max temperature memory recall
- One hour auto shut off
- °C/°F switchable
- Data hold/test function selectable
- Low battery indicator
- 1.5V G13/A76 battery included

Specifications:

Range . . . . -50°C to 150°C (-58°F to 302°F)
Resolution . . . . 0.1°C -19.9°C to 199.9°C, otherwise 1°
Accuracy. . . . . ±1°C -30°C to 150°C (±1.8°F -22°F to 302°F)

Cat. No.	Description	Qty.
CH-4146	Mini digital thermometer	1/ea

Minimum-Maximum Alarm Digital Thermometer

- **NIST Compliant® with certificate**
- Triple display simultaneously shows temperature, alarm limit, timer/clock
- Programmable high temperature alarm limit
- Magnets for attachment
- Count down-up timer max 24 hours
- 12/24 hour format clock display
- Adjustable display angle
- °C/°F switchable
- Curved stainless steel probe .25 x 8.5 in. long.
- Two AAA 1.5V batteries included

Specifications:

Range . . . . 0°C to 300°C (32°F to 582°F)
Dimensions. . . . . LCD display: 1.5 x 2.0 in. - visible 9 ft. away
Product: 75 x 128 x 21mm (W x H x D)

Cat. No.	Description	Qty.
CH2941-2	Minimum-maximum alarm thermometer	1/ea

Monitoring/Control Thermometer

- **NIST Compliant® with certificate**
- Min/max temperature memory recall
- Programmable high/low buzzer and flashing icon alarm
- Dust and waterproof IP65
- Magnet sensor holder and bench stand
- °C/°F switchable
- Low battery indicator
- Probe and 3 meter cable
- CR2032 battery included

Specifications:

Range . . . .-40°C to 70°C (-40°F to 158°F)
Resolution . . . . .0.1°
Accuracy. . . . .±0.5°C -25°C to 25°C otherwise ±1°C
Dimensions. . . . . .86 x 57 x 30mm (W x H x D)

Cat. No.	Description	Qty.
CH4047	Monitoring/control thermometer	1/ea

Flip-Stick Digital Thermometer

- **NIST Compliant® with certificate**
- One second temperature sensing time
- Minimum and maximum memory
- °C/°F switchable
- Data hold/test function
- 5⅛ in. probe
- Probe folds in - out for on and off

Specifications:

Range . . . .-50°C to 300°C (-58°F to 572°F)
Resolution . . . . .0.1°C -19.9°C to 199.9°C
Accuracy. . . . .±1°C (1.8°F)
Adjustable angles . . . . .45°, 90°, 135°, 180°

Cat. No.	Description	Qty.
CH-4272	Flip-stick thermometer	1/ea

Pocket Digital Thermometer

- **NIST Compliant® with certificate**
- One second normal temperature sensing time
- Min/max temperature memory recall
- °C/°F switchable
- Data hold/test function selectable
- Low battery indicator
- One hour auto shut off
- 4 in. stainless steel sensor probe
- Protective plastic sleeve with clip
- Rubber coated housing
- Battery included

Specifications:

Range . . . .-50°C to 300°C (-58°F to 572°F)
Resolution . . . . .0.1°C -19.9°C to 199.9°C, otherwise 1°
Accuracy. . . . .±1°C (1.8°F)

Cat. No.	Description	Qty.
CH-4050	Pocket digital thermometer	1/ea

Jumbo Display Dial Digital Thermometer

- **NIST Compliant® with certificate**
- One second normal temperature sensing time
- Min/max temperature memory recall
- °C/°F switchable
- Data hold/test function selectable
- Low battery indicator
- One hour auto shut off
- 5.25 in. stainless steel probe
- Protective plastic sleeve with clip
- "393" 1.5V battery included

CH2971-2: water resistant, 3.8 in. (97mm) stainless steel probe with 1 meter of cable

CH2971-2

CH4049

Specifications:

Range . . . . -50°C to 300°C (-58°F to 572°F)
Resolution . . . . 0.1°C -19.9°C to 199.9°C, otherwise 1°
Accuracy. . . . . ±1°C (1.8°F)

Cat. No.	Description	Qty.
CH4049	Jumbo dial thermometer - 5.25 in. probe	1/ea
CH2971-2	Jumbo dial thermometer - 3.8 in. probe	1/ea

Temperature Monitoring

Thermometers - Digital General Use-Stem

Long-Stem and Ultra Long-Stem Digital Thermometer

CH2960-9
- **NIST Compliant® with certificate**
- 12 in. probe

CH2960-10
- **NIST Compliant® with certificate**
- 12 in. probe
- Calibrated to 0.5°C

Specifications:

Range . . . .-50°C to 300°C (-58°F to 572°F)

Cat. No.	Description	Qty.
CH2960-9	Long-stem thermometer	1/ea
CH2960-10	Ultra long-stem thermometer	1/ea

Waterproof and Ultra Waterproof Digital Thermometer

CH2960-15
- **NIST Compliant® with certificate**
- 5 in. probe

CH2960-16
- **NIST Compliant® with certificate**
- 5 in. probe
- Calibrated to 0.5°

Specifications:

Range . . . .-50°C to 300°C (-58°F to 572°F)

Cat. No.	Description	Qty.
CH2960-15	Waterproof thermometer	1/ea
CH2960-16	Ultra waterproof thermometer	1/ea

Wide Range and Ultra Wide Range Long-Stem Digital Thermometer

- **NIST Compliant® with certificate**
- °C/°F switchable
- 8 in. stainless steel stem with probe cover

Specifications:

CH2939-1

Range . . . .-50°C to +300°C (-58°F to +572°F)
Resolution . . . . .0.1°C -20°C to 200°C, otherwise 1°
Accuracy. . . . .±1°C between -30°C to 150°C

CH3018SUP

Range . . . .-50°C to 150°C (-58°F to 302°F)
Resolution . . . . .0.1°
Accuracy. . . . .±1°C between -20°C to 120°C "Supra" model ±0.2°C and 0.5°C @ test points

Cat. No.	Description	Qty.
CH2939-1	Wide range long-stem thermometer	1/ea
CH3018SUP	Ultra wide range long-stem thermometer	1/ea

Digital "K" Single Probe Thermocouple Thermometers

- **NIST Compliant® with certificate**
- Ten memory storage
- Min/max temperature memory recall
- High-low audible alarm function
- Count up timer (set from 1 min. to 23 hr. 59 min.)
- Optional 1 hour shut off

- Low battery indicator
- Back light
- PVC boot for protection
- Flip-out stand
- Immersion probe included
- Three AAA batteries, dust protector, water resistant case included

Specifications:

Range . . . .-200°C to 1370°C (-328°F to 2498°F) 2.0°C, -200°C to 50°C (4.0°F, -328°F to -58°F)
Resolution . . . . .0.1° for the whole range
Accuracy. . . . . .1°C/2.0°F -50° to 250°2.0°C/4.0°F -200° to -51°, 251° to -500° 3.0°C/6.0°F 50° to 740°
Differential Measurement . . . . . .(ΔT = Tl-T2), ACC960K2 only

Cat. No.	Description	Qty.
CH2960-6	Digital "K" thermocouple thermometer with immersion probe	1/ea

Precision - Single Probe Pt100 Thermometers

The handheld Pt100 thermometers are high precision, metrology grade, NIST Compliant® instruments. These high accuracy thermometers are used when temperature measurements are critical and/or when online documentation is required. Optional DE-Graph windows software for graphic and tabular documentation.

- **NIST Compliant® - DKD/DAkkS**
- Includes Pt100 platinum probe
- USB interface
- High measuring accuracy
- Integrated calibration function for simple compensation of sensor tolerances
- Two-line LCD, simultaneous display of two measured values

- Physical one-point, two-point or three-point calibration function
- Measuring channels are freely assignable
- Recording of minimum, maximum, hold and average values
- Integrated sensor holder for one hand operation
- 9V battery

Specifications:

Measuring Range . . . . -200 to 850°C
Resolution . . . . 0.01°C (-200°C to 200°C) otherwise 0.1°C respectively 0.1 %
Accuracy. . . . . ±0.03°C from -50 to 199.99°C, ±0.05°C from -200 to 200°C otherwise 0.05 % of reading
Connectors . . . . DIN 8-pole
ProbeType . . . . Temp and humidity immersion
Measuring Range . . . . 30°C to 80°C, 0 to 100% RH
T90 Response Time. . . . . 8 seconds
Working Temperature . . . . 0°C to 40°C (32°F to 104°F)
Dimensions. . . . . 8 x 3.5 x 1.5 in. (L x W x H)
Battery life . . . . Approx. 20 hr.

Cat. No.	Description	Qty.
CHD650PP	Single Probe Pt100 high precision digital thermometer	1/ea

Temperature Monitoring

Thermometers - Infrared-Handheld

ScanTemp 410 Handheld Infrared Thermometer

- Applications: HVAC, electrical maintenance, detect process maintenance problems
- Display hold
- °C/°F switchable
- Backlight display
- Pouch and two AAA 1.5V batteries Included

Specifications:

Range . . . . -33°C to 500°C
Accuracy. . . . . ±2% or 2°C whichever is greater
Repeatability . . . . ±1% of reading or ±1°C, whichever is greater
Optical Resolution 11:1
Display Resolution . . . . 0.1°C (4 digit LCD)
Working Temperature . . . . 0°C to 50°C
Response time . . . . 1 second
Spectral Response . . . . 6–14 μm
Emissivity. . . . . 0.95 max temperature
Dimensions/weight . . . . . . 175 x 39 x 79 mm/180g

Cat. No.	Description	Qty.
CH2960-11	ScanTemp 410 infrared thermometer - min/max readings	1/ea
CH2960-14	ScanTemp 410 infrared thermometer	1/ea

ScanTemp 440 Handheld Infrared Thermometer

- **NIST Compliant® with certificate**
- Type K Probe Input (use any standard K probe)
- Simultaneous display of max/min and alarm
- Laser sighting
- °C/°F switchable
- Backlight display
- Adjustable emissivity
- Functions: hold, min/max, dif and avg
- Alarm function, high/low, audible and visual
- Lock mode for continuous measurements
- Pouch and two AAA 1.5V batteries included

Specifications:

Range laser . . . .-33°C to 500°C
Thermocouple input . . . .-64°C to 1400°C
Accuracy laser . . . . ±2% or 2°C whichever is greater
Thermocouple input . . . . ±1% or 1°C whichever is greater
Optical resolution. 11:1
Display resolution. . . . . .0.1°C (above 200°C 1°C)
Working temperature . . . . .0°C to 50°C
Response time . . . . .1 second
Spectral response . . . . .6 - 14 μm
Emissivity. . . . . .Adjustable 0.10 to 1.00
Dimensions/weight . . . . .175 x 39 x 79mm/180g

Cat. No.	Description	Qty.
CH2971-11	ScanTemp 440 infrared thermometer	1/ea

ScanTemp - 485 Professional Handheld Infrared

ScanTemp 485 infrared thermometer is high precision due to a special glass lens with double-laser sighting. It shows the exact spot size area and an optical resolution of 20:1. This allows technicians to carry out accurate non-contact surface measurements for electrical, mechanical maintenance, HVAC checks, automotive testing and other applications that temperature is a factor.

- **NIST Compliant® with certificate**
- Precision glass optics for accurate non-contact temperature measurement
- Laser sighting with narrow beam aiming for accurate readings
- °C/°F switchable
- Backlight display
- Functions: hold, min/max, Ems and scan
- Alarm function, high/low, audible and visual
- Pouch and 9V alkaline battery included

Specifications:

Range . . . .-50°C to 800°C (-58°F to 1472°F)
Accuracy. . . . .±2% or ±2°C
Optical resolution (D:S). 20:1, (0.8340277778)
Display resolution. . . . . .0.1°C (0.1°F)
Response time (95%): . . . . .Approx. 0.2 second
Ambient temperature . . . . .0°C to 50°C
Spectral response . . . . .8 - 14 μm
Emissivity. . . . . .0.10 - 1.00
Spectral response . . . . .6 - 14 μm
Laser:. . . . .<1mW laser class IIa
Battery life .20 hours with 50% laser and backlight; 40 hours laser and backlight off
Dimensions/weight . . . . .146 x 104 x 43mm/450g

Cat. No.	Description	Qty.
CH-4375	ScanTemp 485 infrared thermometer	1/ea

High-Temperature Plus Infrared Thermometer

Specifications:

Range . . . .-50°C to 1000°C/°F)
Accuracy. . . . .±2%
Response time . . . . .0.2 seconds

Cat. No.	Description	Qty.
CH2971-13	High-temperature plus infrared thermometer	1/ea

Flash III Infrared Thermometer with Laser Spotting

- °C/°F switchable
- Min/max memory recall
- Automatic hold
- Lock-mode for continued measurements with laser
- Adjustable emissivity
- Two CR2032 cell batteries included

Specifications:

Range . . . . -55℃ to 250℃
Accuracy. . . . . ±2% or ±2℃
Repeatability . . . . 1% or ±1℃
Display resolution. . . . . 0.1℃
Response time . . . . 0.05 second
Working temperature . . . . 0℃ to 50℃
Storage temperature . . . . -20℃ to 50℃
Emissivity. . . . . 0.01 to 1.00 adjustable
Optical Resolution 6:1
Dimensions/weight . . . . 104 x 60 x 21.5mm/110g

Cat. No.	Description	Qty.
CH2971-10	Flash III infrared thermometer	1/ea

Mini-Flash Infrared Thermometer

Mini-Flash Infrared thermometer is very simple to use. To measure a temperature point unit at object, pull the trigger and read the measuring value from the display. Used for easy and quick measurements on surfaces.

- °C/°F switchable
- Min/max memory recall
- Automatic hold
- Lock-mode for continued measurements
- CR2032 cell battery included

Specifications:

Range . . . . -33℃ to 220℃ (-27°F to 428°F)
Accuracy. . . . . 0℃ to 50℃ ±1.5℃, otherwise 2% or ±2℃
Repeatability . . . . 1% or ±1℃
Display resolution. . . . . 0.1℃
Response time . . . . 0.5 second
Working temperature . . . . 0℃ to 50℃
Storage temperature . . . . -20℃ to 50℃
Emissivity. 0.95 fix
Distance: Spot size 1.3:1
Dimensions. . . . . 68 x 37 x 18mm

Cat. No.	Description	Qty.
CH2960-12	Mini-flash infrared thermometer	1/ea

Flash-Pen Infrared Thermometer

Rely on this IR thermometer for quick and easy surface temperature measurements. Ideal for HVAC, plant maintenance, technicians, electricians, mechanics, health care workers and many others.

- °C/°F switchable
- Pocket with clip
- Made of durable metal
- Digital readout
- Two LR 44 button cell batteries included

Specifications:

Range . . . . -33℃ to 220℃ (-27°F to 428°F)
Accuracy. . . . . ±2% or ± 2℃
Response time . . . . Approx. 1 second
Dimensions. . . . . .87 x 18 x 16 mm

Cat. No.	Description	Qty.
CH2971-9	Flash-pen infrared thermometer	1/ea

Equipped
to make a difference.

Thermometers - Liquid in Glass

CH50CW3BLS

CH260CW

CH300FWS

CH6371

CH230FW3S - CH230F3SSC

CH1050CWS

CH10053

CH645

CH535S-1
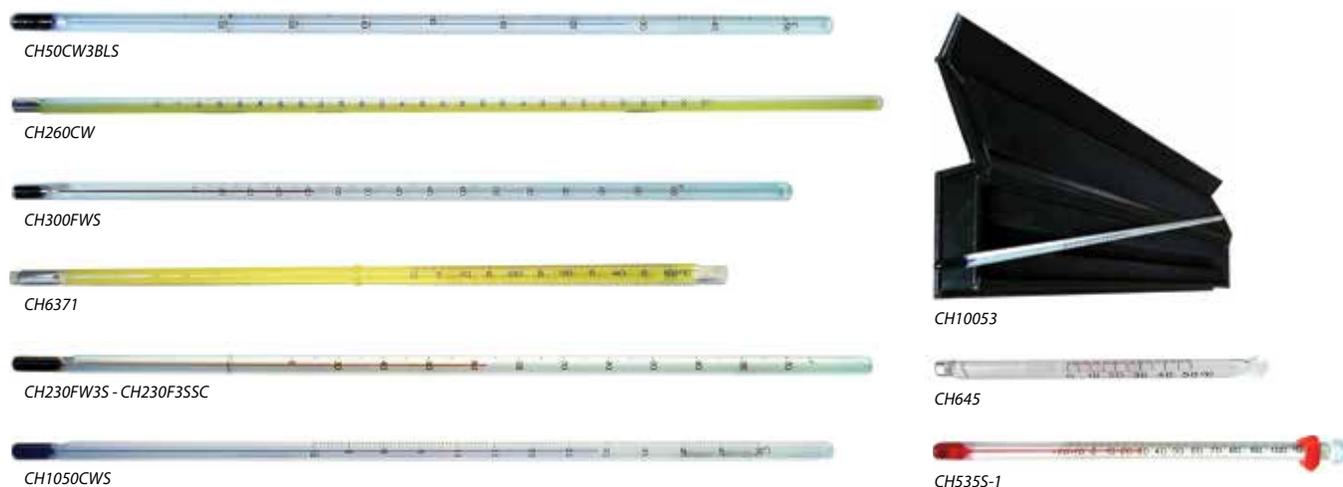
Glass Thermometers

- **NIST Compliant®**

Cat. No.	Description	Range	Divisions
CH10053	76mm immersion thermometer	-1°C to 101°C	0.2°C
CH50CW3BLS	76mm immersion spirit-filled thermometer	-35°C to 50°C	1°C
CH645	Short-immersion thermometer - mercury - length 75mm - 12mm immersion	0°C to 50°C	1°C
CH260CW	Total-immersion spirit-filled thermometer	-20°C to 260°C	1°C
CH300FWS	Total-immersion spirit-filled thermometer	0°F to 300°F	2°F
CH6371	Incubator thermometer - enlargement for correct immersion - mercury	0°C to 50°C	0.5°C
CH230FW3S	Organic thermometer	0°F to 230°F	2°F
CH230F3SSC	Organic thermometer - safety coated	0°F to 230°F	2°F
CH1050CWS	Spirit-filled thermometer	-10°C to 50°C	0.5°C
CH535S-1	Tissue flotation bath thermometer - lays flat on bottom of bath - easy to read	-20°C to 105°C	1°C

Minimum/Maximum Thermometer

This minimum/maximum thermometer is used to monitor temperatures in freezers, refrigerators and incubators as well as ambient air. It registers the highest and lowest temperatures reached over a certain time frame and then can be reset with the push-button feature. Spirit filled total immersion thermometer is enclosed in ABS plastic housing.

- Fahrenheit and Celsius Scales
- Push-button reset

Specifications:

Range . . . . -40°C to 50°C (-40°F to 120°F)
Accuracy. . . . . ±2%
Divisions. . . . . 1°C and 2°F
Dimensions. . . . . 8 x 2½ x 1 in. (H x L x W)

Cat. No.	Description	Qty.
CHB12408	Minimum/maximum thermometer	1/ea

Refrigerator/Freezer Hanging Thermometer

This dualscale thermometer is ideal for both refrigerators and freezers. It features an enclosed bulb to help ensure average temperature readings and an open scale for easy, accurate readings. The thermometer's rust-resistant case has stainless steel hangers with keyhole brackets for easy hanging and removal. Enamelled aluminium scale. Thermometer can hang or stand.

Specifications:

Temperature Range . . . . .40°C to 25°C (-40°F to 80)

Cat. No.	Description	Qty.
CH5001	Refrigerator/freezer hanging thermometer	1/ea

AccuTube® Flange Cap Closures

AccuTube® flange caps are made from non-autoclavable, low-density polyethylene. The flange seal allows easy opening and closure and provides universal fit on 12 and 13mm test and culture tubes. Natural color.

Cat. No.	Description	Qty.
T1226-37	Polyethylene flange cap closure	10,000/cs

AccuTube® Plug Closures

These low-density polyethylene plug caps fit snugly on 12mm tubes.

Cat. No.	Description	Qty.
B2996-72	Blue	5,000/cs
B2996-73	Green	5,000/cs
B2996-75	Natural	5,000/cs
B2996-71	Red	5,000/cs
B2996-74	Yellow	5,000/cs
B2996-70	White	5,000/cs

AccuTube® Snap Cap Closures

This universal snap cap closure snugly fits both glass and plastic blood collection tubes. Caps are made from molded polyethylene to securely seal and transfer specimens and provide technician safety. Same cap fits 10, 12 and 13mm tubes.

Cat. No.	Description	Qty.
T1226-39	Polyethylene snap cap closure	10,000/cs

Pricing

Please call your sales or customer service representative to check up-to-the-minute pricing and availability.

Flange Plug Caps

These polyethylene caps have two flexible flanges for a liquid-tight seal. Designed to fit into test tubes, round cuvettes and centrifuge tubes, these caps help prevent spills and evaporation. Available in assorted colors.

Cat. No.	Description	Qty.
12mm/13mm		
CHPCFBL	Blue	10,000/cs
CHPCFLV	Lavender	10,000/cs
CHPCFORG	Orange	10,000/cs
CHPCFRD	Red	10,000/cs
CHPCFWH	White	10,000/cs
CHPCFYL	Yellow	10,000/cs
16mm		
CHPCFNT16	Natural	10,000/cs

SAV-IT® Closures

SAV-IT closures are disposable safety caps for use with evacuated blood drawing tubes, glass and plastic test tubes. Closures provide a firm, positive, leak-resistant seal under various storage conditions. Closures will not pop off or interfere with most common chemistry, coagulation and drug monitoring methodologies. SAV-IT® closures can also be pierced and used with closed tube instrumentation. A one-handed technique can be used for applying and removing the SAV-IT® closure. Fit 12, 13 and 16mm tubes.

SAV-IT® is a registered trademark of Quality Scientific Plastics, Inc.

Cat. No.	Description	Qty.
12mm/13mm		
B2996-18	Red	10,000/cs
B2996-19	Green	10,000/cs
B2996-20	Lavender	10,000/cs
B2996-21	Black	10,000/cs
B2996-22	Blue	10,000/cs
B2996-23	Gray	10,000/cs
B2996-24	Yellow	10,000/cs
B2996-25	White	10,000/cs
16mm		
B2996-10	Red	10,000/cs
B2996-11	Green	10,000/cs
B2996-12	Lavender	10,000/cs
B2996-13	Black	10,000/cs
B2996-14	Blue	10,000/cs
B2996-15	Gray	10,000/cs
B2996-16	Yellow	10,000/cs
B2996-17	White	10,000/cs

Test Tubes and Accessories

Caps and Closures

Snap Cap Closures

Snap cap closure protective caps clamp firmly on tubes to help preserve sample integrity and to reduce the risk of accidental infection of laboratory personnel.

Caps are precision molded from low-density polyethylene, with a double-flanged seal and thumb tab that allows you to secure and remove caps easily. Two cap sizes fit most 13mm or 16mm glass blood collection tubes and 12mm plastic culture tubes.

Seven colors give you at-a-glance sample identification and enable you to match the original stopper color. The caps are packaged in a protective poly bag within dispenser box for convenient benchtop use and storage.

NOTE: Do not use with glass culture tubes.

Cat. No.	Description	Qty.
12mm/13mm		
B3035-82V	Blue	10,000/cs
B3035-86V	Gray	10,000/cs
B3035-83V	Green	10,000/cs
B3035-85V	Lavender	10,000/cs
B3035-81V	Red	10,000/cs
B3035-80V	White	10,000/cs
B3035-84V	Yellow	10,000/cs
16mm		
B3035-52V	Blue	10,000/cs
B3035-56V	Gray	10,000/cs
B3035-53V	Green	10,000/cs
B3035-55V	Lavender	10,000/cs
B3035-51V	Red	10,000/cs
B3035-50V	White	10,000/cs
B3035-54V	Yellow	10,000/cs

Standard Plug Caps

These low density polyethylene plug caps fit snugly in 12mm tubes.

Cat. No.	Description	Qty.
12mm - hollow top		
CHPCSBL12	Blue	10,000/cs
CHPCSGN12	Green	10,000/cs
CHPCSNT12	Natural	10,000/cs
CHPCSRD12	Red	10,000/cs
CHPCSWH12	White	10,000/cs
CHPCSYL12	Yellow	10,000/cs

Universal Plug Cap Closures

For a firm, positive closure with a universal cap, turn to these universal plug cap closures. Whether you want to seal inside the tube or over the tube rim, these one-size caps fit a wide range of tube sizes, making them ideal for laboratory standardization. You need just one hand to seal them under various temperature and storage conditions. They provide a strong seal to help sample integrity, while preventing loss due to evaporation. Available in seven colors.

Cat. no.	Description	Qty.
10mm, 12mm, 13mm and 16mm		
CHPCUBK	Black	10,000/cs
CHPCUBL	Blue	10,000/cs
CHPCUGY	Gray	10,000/cs
CHPCUGN	Green	10,000/cs
CHPCULV	Lavender	10,000/cs
CHPCURD	Red	10,000/cs
CHPCUYL	Yellow	10,000/cs

XXX Laboratory-Grade Corks

XXX standard laboratory-grade quality corks are recommended for routine closures. These corks are fine grain and uniform in quality.

Cat. No.	Size No.	Qty.
C8205-3T	000	500/pk
C8205-2T	00	500/pk
C8205-1T	0	500/pk
C8205-1	1	500/pk
C8205-2	2	500/pk
C8205-4	4	500/pk
C8205-5	5	500/pk

Glass Tubes

Culture Tubes

Culture tubes are for general applications in blood banks, hematology, bacteriology, virology and tissue culture. These are premium-quality borosilicate glass tubes with a sturdy, uniform bottom and consistent length. Packaged in four shrink-wrapped shelf packs.

Cat. No.	Description	Qty.
SP1290-2	10 x 75mm tubes	250 pk, 1,000/cs
SP1290-3	12 x 75mm tubes	250 pk, 1,000/cs
SP1290-4	13 x 100mm tubes	250 pk, 1,000/cs
SP1290-6	16 x 100mm tubes	250 pk, 1,000/cs
SP1290-13	13 x 45mm tubes	250 pk, 1,000/cs

Rim Top, KIMAX™ N-51A Borosilicate Glass Tubes

Borosilicate glass KIMAX™ -51 composition assures all-around chemical durability of commercial glasses now available for laboratory ware. Complies with ASTM Specification E438, Type I, Class B glass requirements. KIMAX™ -51 has excellent chemical resistance against sodium leaching—a factor common in soda lime glass products. These are premium quality tubes with sturdy, uniform bottoms and consistent lengths. Trays are shrink-wrapped in plastic film with tubes remaining in constant alignment for protection against in-transit breakage and contamination. Designed from ASTM Specification E890.

Cat. No.	Description	Qty.
60D73500	15 x 85mm tubes	1,000/cs

Plastic Tubes

AccuTube® Test Tubes and Caps

These test tubes and caps are designed for demanding liquid handling and general laboratory applications. Test tubes feature uniform size, shape and wall thickness to help prevent cracking of the side walls and pinhole leaks. The special lip design provides for a precise fit when used with the appropriate cap closure to seal either inside the test tube or over the tube rim. Supplied with 12/13mm polyethylene snap cap. Multifitting flange and snap caps, also 12/13mm, are available separately. 12 x 75mm size; 5mL capacity.

Cat. No.	Description	Qty.
T1226-22A	12 x 75 culture tube, polystyrene tube only	1,000/cs
T1226-12N	12 x 75 culture tube, polypropylene tube only	1,000/cs
T1226-37	Flange	10,000/cs
T1226-39	Snap	10,000/cs

Plastic Culture Tubes

These test tubes and caps are designed for demanding liquid handling and general laboratory applications. Test tubes feature uniform size, shape and wall thickness to help prevent cracking of the side walls and pinhole leaks. The lip design provides for a precise fit when used with the appropriate cap closure to seal either inside the test tube or over the tube rim. Available with or without cap in polypropylene or polystyrene.

Cat. No.	Description	Qty.
Polypropylene, 12 x 75mm		
CHB1275PP	Without cap	1,000/cs
CHB1275PPC	With snap cap	1,000/cs
CHT1275PPS	Without cap, sterile	125/pk, 1,000/cs
CH1275PPCS	With snap cap, sterile	125/pk, 1,000/cs
Polystyrene, 12 x 75mm		
CHT1275PS	Without cap	125/pk, 500/cs
CHB1275PS	Without cap	1,000/cs
CHB1275PSC	With snap cap	1,000/cs
CHT1275PSS	Without cap, sterile	125/pk, 1,000/cs
CH1275PSSC	With snap cap, sterile	25/pk, 500/cs
CH1275PSCS	With snap cap, sterile	125/pk, 1,000/cs

Test Tubes and Accessories

Test Tubes and Accessories

Plastic Tubes

Microcentrifuge Tubes with Locking Lid

These locking-lid microcentrifuge tubes feature a pierceable cap that snaps closed and locks into place in a convenient one-handed operation. Tubes are ideal for use in sample-handling applications, including centrifugation, boiling and freezing of specimens, incubation and storage. They are made of polypropylene and have graduation marks to facilitate volume estimation. Available in three sizes and a range of colors. Each size is also available in an individually-wrapped sterilized version, natural color.

Cat. No.	Description	Qty.
0.6mL tubes		
C1300-62	Natural	1,000/pk, 10,000/cs
C1300-63	Red	1,000/pk, 10,000/cs
C1300-64	Blue	1,000/pk, 10,000/cs
C1300-65	Green	1,000/pk, 10,000/cs
C1300-66	Yellow	1,000/pk, 10,000/cs
C1300-68	Violet	1,000/pk, 10,000/cs
1.5 to 1.7mL tubes		
C1300-42	Blue	500/pk, 5,000/cs
C1300-43	Green	500/pk, 5,000/cs
C1300-44	Natural	500/pk, 5,000/cs
C1300-45	Yellow	500/pk, 5,000/cs
C1300-50	Mixed	500/pk, 5,000/cs
2mL tubes		
C1300-52	Natural	500/pk, 5,000/cs
C1300-60	Mixed	500/pk, 5,000/cs
Sterilized tubes, individually-wrapped		
C1300-71	0.6mL	500/pk, 5,000/cs
C1300-51	1.5 to 1.7mL	250/pk, 2,500/cs
C1300-61	2mL	250/pk, 2,500/cs

Microcentrifuge Tubes with Attached Snap Cap

Designed for use with a wide variety of centrifuge models, these conical microcentrifuge tubes feature a permanently attached snap cap that provides a leak-resistant seal. C1300-40 is made of polyethylene and is not autoclavable.

Cat. No.	Description	Vol. (mL)	Qty.
C1300-40	Polyethylene	0.4	1,000/pk, 10,000/cs
C1300-41	Polypropylene	25	1,000/pk, 10,000/cs

Microcentrifuge Tubes with Snap Cap

These high-performance polypropylene tubes are autoclavable to 120°C and freezable to -80°C. Designed for a range of sample handling, processing and storage applications, tubes are available in three volumes and an assortment of colors. Tubes have flat-top snap cap, except 1.5mL tubes, which also are available with indented-top snap cap. Caps are pierceable to facilitate sample removal.

The 0.6mL tubes are ideal for PCR* applications. The 1.5 and 2mL tubes are graduated for easy volume estimation, have a frosted writing area on both tube and cap for identification of contents and are also available in a sterilized version, individually-wrapped. Snap-seal closure resists leakage. Designed to withstand 17,000 to 30,000 x g.

Cat. No.	Description	Qty.
0.6mL tubes with flat-top cap, plain		
C1300-11	Natural	1,000/pk, 10,000/cs
C1300-12	Red	1,000/pk, 10,000/cs
C1300-13	Blue	1,000/pk, 10,000/cs
C1300-14	Green	1,000/pk, 10,000/cs
C1300-15	Yellow	1,000/pk, 10,000/cs
C1300-19	Mixed	1,000/pk, 10,000/cs
1.5mL tubes with flat-top cap, graduated		
C1300-21	Red	500/pk, 5,000/cs
C1300-22	Blue	500/pk, 5,000/cs
C1300-23	Green	500/pk, 5,000/cs
C1300-24	Yellow	500/pk, 5,000/cs
C1300-26	Violet	500/pk, 5,000/cs
C1300-27	Amber	500/pk, 5,000/cs
C1300-28	Mixed	500/pk, 5,000/cs
C1300-29	Natural	500/pk, 5,000/cs
2mL tubes with flat-top cap, graduated		
C1300-31	Red	500/pk, 5,000/cs
C1300-31X	Natural	500/pk, 5,000/cs
C1300-32	Yellow	500/pk, 5,000/cs
C1300-36	Violet	500/pk, 5,000/cs
C1300-37	Amber	500/pk, 5,000/cs
C1300-38	Mixed	500/pk, 5,000/cs
Sterilized tubes with flat-top cap, graduated		
C1300-30	Natural, 1.5mL	250/pk, 2,500/cs
C1300-39	Natural, 2mL	250/pk, 2,500/cs

* Patent owned by Hoffman-La Roche, Inc.

Microtiter/Dilution Tubes and Caps

Use these 1.2mL microtiter tubes for a variety of laboratory procedures including harvesting cells, cell uptakes, receptor binding and liquid assays. They can also be used for test methodologies such as CMV, HSV, HTLV and EIA. Natural-color tubes available in plain or with frosted writing area. Tubes can be autoclaved, sealed and frozen for storage. Tubes R1226-34 and R1226-37 come in an 8 x 12 rack that features alphanumeric molded-in grids and is designed for use with robotic workstations such as Beckman® Biomek®, Tecan®, Cetus/Propette, Tomtec and other diluters and dispensers. Nonsterile and sterile caps fit 1.2mL tubes.

Beckman® and Biomek® are registered trademarks of Beckman Coulter, Inc.

Tecan® is a registered trademark of Tecan, Inc.

Cat. No.	Description	Qty.
Tubes only		
R1226-28	Plain	1,000/pk, 10,000/cs
R1226-29	With frosted writing area	1,000/pk, 10,000/cs
Tubes in standard rack		
R1226-30	Plain	960/pk, 4,800/cs
R1226-31	Sterile, plain	960/pk, 4,800/cs
R1226-32	With frosted writing area	960/pk, 4,800/cs
R1226-33	Sterile, with frosted writing area	960/pk, 4,800/cs
Tubes in rack with alphanumeric markings		
R1226-34	Plain	960/pk, 4,800/cs
R1226-35	Sterile, plain	960/pk, 4,800/cs
R1226-36	With frosted writing area	960/pk, 4,800/cs
R1226-37	Sterile, with frosted writing area	960/pk, 4,800/cs
Polyethylene micro caps		
R1226-42	Nonsterile	960/pk, 4,800/cs

Screw-Top Microcentrifuge Tubes and Screw Caps

These sturdy polypropylene screw-top tubes are suitable for vapor-phase liquid nitrogen storage, boiling and autoclaving. Designed to withstand 18,000 to 25,000 x g. Tubes feature external ribs to help you position and lock them into racks and to facilitate single-handed opening and closing. Order tubes and screw caps separately, or choose sterilized tubes, which are supplied with a cap. All tubes and caps have a frosted writing area and are autoclavable. Tubes C1300-82 and -83 are also graduated.

Screw-top tubes with skirt

Screw caps with and without O-ring

Choose tubes in skirted or conical style, natural or amber color, in 0.5mL, 1.5mL and 2mL sizes. Individual caps are available with or without O-ring and can be pierced for sample removal. Sterilized tubes are natural color and include screw cap with O-ring.

Cat. No.	Description	Qty.
0.5mL tubes only		
C1300-72	Skirted, natural	500/pk, 5,000/cs
1.5mL tubes only		
C1300-76	Conical, natural	500/pk, 5,000/cs
C1300-77	Conical, amber	500/pk, 5,000/cs
C1300-78	Skirted, natural	500/pk, 5,000/cs
2mL tubes only		
C1300-80	Conical, natural	500/pk, 5,000/cs
C1300-81	Conical, amber	500/pk, 5,000/cs
C1300-82	Skirted, natural	500/pk, 5,000/cs
C1300-83	Skirted, amber	500/pk, 5,000/cs
Screw caps without O-ring		
C1310-1	Natural	500/pk, 5,000/cs
C1310-2	Blue	500/pk, 5,000/cs
C1310-3	Yellow	500/pk, 5,000/cs
C1310-4	Red	500/pk, 5,000/cs
C1310-11	Mixed	500/pk, 5,000/cs
Screw caps with O-ring		
C1310-12	Natural	500/pk, 5,000/cs
C1310-13	Blue	500/pk, 5,000/cs
C1310-14	Yellow	500/pk, 5,000/cs
C1310-15	Red	500/pk, 5,000/cs
C1310-17	Green	500/pk, 5,000/cs
C1310-18	Orange	500/pk, 5,000/cs
C1310-20	Violet	500/pk, 5,000/cs
C1310-21	Amber	500/pk, 5,000/cs
C1310-22	Mixed	500/pk, 5,000/cs
Skirted sterile tubes with O-ring screw cap		
C1310-24	0.5mL	500/pk, 2,500/cs
C1310-26	1.5mL	500/pk, 2,500/cs
C1310-28	2mL	500/pk, 2,500/cs
Conical sterile tubes with O-ring screw cap		
C1310-25	0.5mL	500/pk, 2,500/cs
C1310-27	1.5mL	500/pk, 2,500/cs
C1310-29	2mL	500/pk, 2,500/cs

Test Tubes and Accessories

Test Tubes and Accessories

Plastic Tubes

Sterile Disposable Centrifuge Tubes

These disposable centrifuge tubes are designed to fit standard centrifuge apparatuses for general laboratory use. Conical tubes feature plug seal cap with leak-resistant seal.

Translucent polypropylene tubes have black printed graduations and greater strength for high-speed centrifugation. Available in poly-foam rack.

Cat. No.	Description	Qty.
SP3920-80	15mL, plug cap w/rack	50/pk, 10 pk/cs
SP3920-15A	15mL, plug seal bulk	50/pk, 10 pk/cs
SP3920-15B	15mL, plug seal w/rack	50/pk, 10 pk/cs
SP3920-50A	50mL, plug cap bulk	25/pk, 20 pk/cs
SP3920-50	50mL, plug cap w/rack	25/pk, 20 pk/cs
SP3921-50A	50mL, top cap w/rack	25/pk, 20 pk/cs
SP3920-12	12mL polystyrene conical	500/pk, 5 pk/cs

Transport Tubes

Use mailing tubes for all your sample transport and storage needs. They feature a frosted writing surface and molded-in graduations and sealing rings. Supplied with screw-cap closure.

Cat. No.	Description	Qty.
Nonsterile tubes with cap, unassembled		
T1233-3	Screw cap for 5mL and 10mL tube - blue	2,000/cs
T1233-4	5mL	1,000/cs
T1233-5	10mL	1,000/cs
Sterile tubes with cap, assembled		
T1233-6	5mL	500/cs
T1233-7	10mL	500/cs

We help you
GET YOUR RESULTS

Bio-Check™ Safe-Keeper™ Biohazard Container

Use this Safe-Keeper™ container to collect biohazardous items such as capillary tubes, pipette tips, swabs and stir rods. The container is made of plastic-lined, sturdy paperboard with a solid bottom to help prevent contents from leaking or falling out. Shipped flat to conserve storage space, the easy-to-set-up container can be hung from a reinforced hanger hole to save benchtop space. Contaminated contents can be autoclaved in container and discarded according to your local, state and federal disposal regulations. Printed with the OSHA biohazard symbol. Capacity is 2,300cc. Dimensions (L x H x W): 5¾ x 11 x 2 in.

One HookUp™ self-adhesive hook is supplied with each case of Safe-Keeper™ containers. Additional hooks are sold separately. Hook is made of a tough plastic and provides a more secure mount for biohazard containers than tape. Also suitable for hanging lab coats, masks, goggles and keys. Dimensions (W x H x D): 2 x 2 x ¾ in.

HookUp™ and Safe-Keeper™ are trademarks of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-3	Safe-Keeper™ biohazard container	200/cs
A9490-22	HookUp™ self-adhesive hook	4/pk

Bench-Top Biohazard Container

Use this 5,900cc biohazard bench-top container to collect used materials such as petri dishes, test tubes, slides, applicator sticks and swabs. The container holds a small amount of liquid because of the plastic-coated lining. It is not intended to hold needles. Container stays flat until ready to use, then folds into a rectangular shape with interlocking flaps and an orange biohazard symbol. The self-locking top keeps the contents safely enclosed. Contaminated contents can be autoclaved in container and discarded according to your local, state and federal disposal regulations. Dimensions (W x L x H): 6 x 6 x 10 in.

Cat. No.	Description	Qty.
CH9490-11	Bench-Top biohazard container	50/cs

Biohazard Bench-Top Keeper™

Use this 1,800cc biohazard container to collect used materials such as test tubes, slides, applicator sticks and swabs. The container's plastic-coated lining allows it to hold a small amount of liquid. It is not intended to hold needles. Container stays flat until ready to use, then folds into a rectangular shape with interlocking flaps and a biohazard symbol. The self-locking top keeps the contents safely enclosed. Contaminated contents can be autoclaved in container and discarded according to your local, state and federal disposal regulations. Dimensions (W x L x H): 4 x 4 x 7 in.

Bench-Top Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-10A	Bench-Top Keeper™ biohazard container	100/cs

Biohazard Pipet Keeper™

Use this Pipet Keeper™ container to collect pipettes, swabs and other long objects up to 15 in. in length. The webbed corners and plastic-coated lining will hold liquids to avoid soak-through. The container stays folded flat for efficient storage, then opens out for use. An interlocking top and reclosable flaps are easy to use for right- and left-handed users. The 2,300cc container is autoclavable and has a low profile to help prevent tipping. Dimensions (L x W x H): 15.5 x 3 x 3 in.

Pipet Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-16B	Biohazard pipette container	50/cs

Broken Glass Bench-Top Keeper™

Use this Bench-Top Keeper™ container to collect and store nonbiohazardous broken or discarded glass to help protect against employee injury. It can hold liquids because of its plastic-coated lining and webbed corners. A self-locking top helps keep the container closed. The 5,900cc container is autoclavable and stores flat. Dimensions (W x L x H): 6 x 6 x 10 in.

Bench-Top Keeper™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
A9490-15A	Broken glass container	50/cs

Waste Management and Supplies

Waste Management and Supplies

Biohazard Containers

Safety Toss™ Biohazard Waste Disposal Unit

Safety Toss™ unit is for the disposal of biohazardous laboratory waste. Sturdy corrugated fiberboard containers have a 200 lbs. bursting strength per square inch and feature a 3 mil red biohazard bag liner that helps contain laboratory hazards. The extra-wide, squared opening accommodates larger items up to standard size tube racks. Reclose-A/Remove-A-Lid™ cover offers flexible convenience. When the box is full, secure the safety flap in place and discard the entire unit according to your local, state and federal disposal regulations. This is not a sharps container. English and Spanish instructions are included. Dimensions: Benchtop (W x D x H): 8 x 8 x 10 in.; Floor model 12 x 12 x 27 in.

Reclose-A/Remove-A-Lid™ is a trademark of Whitney Products, Inc.

Cat. No.	Description	Qty.
S1388-1B	Benchtop unit	6/cs
S1388-2B	Floor model	6/cs

Waste Containers

Bench Top Waste Containers

Acrylic containers for the table top facilitate disposal of small objects such as Pasteur pipettes and leaking fluids. Clear sides allow for warning insignias or the color of biohazard bags to be seen. Each unit has hinged lid for easy placement of waste. Lids also come off to position bag or box and for removal. All are made of ³⁄₁₆ in. clear acrylic. The S1389-127 is designed for a 8 x 8 x 10 in. glass box. Contents should be disposed according to all local, state and federal disposal regulations.

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-134	Medium	8½ x 4½ x 4 in.	1/ea
S1389-144	Large	15½ x 8½ x 7¼ in.	1/ea
S1389-127	Waste box holder	11½ x 11 x 11 in.	1/ea

Waste Container Reference Chart

Cat. No.	Bag Size	Box Size
S1389-134	8 x 12 in.	–
S1389-144	14 x 19 in.	–
S1389-132	19 x 23 in.	–
S1389-131	24 x 30 or 36 in. or 25 x 35 in.	–
S1389-128	36 x 45 in.	–
S1389-127	–	8 x 8 x 10 in.
WC-150C	–	11 x 11 x 15 in.
S1389-126	–	12 x 12 x 27 in.
WB-500WH	–	12 x 12 x 27 in.

Reusable Floor Waste Containers

These waste containers are reusable and made of heavy-duty acrylic to help protect personnel from exposure to potential hazards. Some models come with wheels for easy mobility and some models have removable bottoms for easy cleaning. Waste box holders accommodate the standard corrugated waste boxes. Heavy-duty, *beta radiation shielding model also available for extra protection. Contents should be disposed according to all local, state and federal disposal regulations.

Beta waste container with wheels WB-500WH

Cat. No.	Description	Dimensions (H x W x D)	Qty.
S1389-132	Small - ³⁄₁₆ in. thick acrylic	20¾ x 11 x 9¾ in.	1/ea
S1389-131	Medium - ³⁄₈ in. thick acrylic	25 x 12½ x 12½ in.	1/ea
S1389-128	Large - ³⁄₈ in. thick acrylic	30¼ x 17½ x 17¼ in.	1/ea
S1389-126	Waste box holder - ³⁄₁₆ in. thick acrylic, holds 12 x 12 x 27 in. waste box	29 x 14 x 14 in.	1/ea
*WB-500WH	Beta waste container with wheels - ³⁄₈ in. thick acrylic, holds 12 x 12 x 27 in. waste box	29 x 14 x 14 in.	1/ea
WC-150C	Waste container with wheels	26½ x 13 x 13 in.	1/ea

*The products in this catalog may not protect against secondary or other (non-beta) sources of radiation. Users should follow all federal, state and local requirements as they pertain to radiation safety and monitoring.

The following sets forth the terms and conditions of sale for Cardinal Health 200, LLC located at 7000 Cardinal Place, Dublin, Ohio 43017. ("Cardinal Health"). By placing an order, Customer agrees to the terms and conditions below to the extent not inconsistent with any specific written agreement between Cardinal Health and Customer.

Prices
For up-to-the-minute price and availability, call your local Cardinal Health Customer Service Representative or sign in to www.cardinalhealth.com. Minimum order quantities and/or special handling and/or delivery fees may apply. Please confirm at time of order placement.

Some products distributed by Cardinal Health may not be available for sale outside the U.S. and Puerto Rico.

Payment Terms
Payment terms are net 30 days, provided that Cardinal Health may at any time cancel, increase or decrease such credit limit, place Customer on C.O.D. or hold products from shipping based upon Customer's payment performance, changes in Customer's financial condition or other credit considerations deemed relevant by Cardinal Health. Any invoice that is paid past its due date will be assessed interest at a 1½% monthly (or 18% annual) rate or the highest amount allowed by law, if lower. Failure or delay by Cardinal Health to bill Customer for any such service charge will not waive Cardinal Health's right to receive the same.

Any invoice dispute must include the following along with the partial payment of any undisputed portion from such invoice:

(1) Invoice number, (2) Product code, (3) Amount disputed, and
(4) Specific details as to the nature of the dispute.

Until products are paid for in full, Cardinal Health retains, and the Customer hereby grants Cardinal Health, a security interest in the products. Cardinal Health shall have a security interest in any deposit(s) to secure payment of all of Customer's obligations, now existing, and arising in the future, to Cardinal Health or any entities affiliated with Cardinal Health. If Customer defaults on any payment due to Cardinal Health, Cardinal Health may exercise a right of setoff against any deposit held by Cardinal Health or any amounts owed by any affiliate of Cardinal Health to Customer.

Returned Goods Policy
Return Procedure
All returns must be authorized by your Cardinal Health Sales or Customer Service Representative, who will advise you of the proper mode of transportation for the shipment. Authorization will be valid for only 30 days.

Each return must include the following information:

(1) Return Goods Authorization, (2) Purchaser name and address,
(3) Cardinal Health invoice number, (4) Invoice date, (5) Purchaser purchase order number, (6) Quantity, catalog number and description of item,
(7) Reason for return, and (8) Signed Ongoing Assurance Statement for prescription drugs or other products specified by Cardinal Health.

Return Policy
Cardinal Health will authorize the return of all products in salable condition with the following exceptions:

• Products not purchased from Cardinal Health. By offering product for return to Cardinal Health, Customer warrants and certifies that the products were purchased by the Customer directly from Cardinal Health.
• Products purchased more than 3 months prior to the return request.
• Products with expiration date less than 60 days.
• Products that are regulated hazardous chemicals or reagents.
• Instruments that have been used to analyze human body tissue.
• Sterile eaches of low unit of measure product.
• Special or custom products made to customer specifications.
• Products returned in defaced or other than original packaging.
• Drug products that are shipped outside the United States (reimport prohibited).
• Flu Vaccine.
• Any controlled substance product that is regulated by the DEA.
• Prescription drugs or other products specified by Cardinal Health that are returned without a customer-signed Cardinal Health Ongoing Assurance Statement.
• Prescription drugs that are returned that do not achieve Cardinal Health protective service and protective packaging guidelines.
• Refrigerated, frozen or temperature-controlled products with the exception that Cool Room coded product ("C" coded) can be accepted back from customers and returned to stock only if ALL circumstances noted below apply to the return.

1. The product is returned within a 5-day transit time window.

2. The external outdoor air temperature is less than 86 degrees Fahrenheit (86˚F).

3. The only acceptable reasons for the return are a picking error or an ordering error.

All return items not locally stocked will be subject to locally determined restocking fee. All returns not due to Cardinal Health error will be subject to a minimum of 15% restocking fee. In the event that an unauthorized return is accepted, there will be a minimum of 25% restocking fee.

Freight Claims
Shortages and damages must be reported to Customer Service within 72 hours from receipt. Customer must inspect all shipments the same day they are received (visible damage). Visible damage must be noted on the delivery and inspection requested from delivery carrier or claim will be disallowed. Concealed damage requires a request of inspection from the delivering carrier, which will be made within five (5) days of notification of the damage.

During the inspection, an *Inspection Report of Loss or Damage* will be filled out for signature by both Customer and the applicable carrier. Customer should take exception to any statement by the inspector with which they do not agree and retain a copy of the inspection report. Customer must retain the merchandise, carton(s) and inside packaging at Customer's facility until the inspection has been made and Customer has been given instructions for disposition of damaged merchandise.

Due to medical product licensing constraints, carriers are not entitled to salvage of damaged product. Obtain a *Certificate of Destruction* from the carrier. In the event an inspection is waived, an internal *Certificate of Destruction* is acceptable with approval from Cardinal Health.

Product Delivery
Shipments are FOB Destination. Cardinal Health shall use its reasonable efforts to fill orders, but Cardinal Health shall not be liable for nonperformance or delays caused by a shortage of raw materials, manufacturing problems, delivery or labor problems, acts of regulatory agencies, discontinuation of a product line, Acts of God or causes beyond its control. Customer agrees that, in such events, Cardinal Health may allocate products among all purchasers, without liability.

Warranty
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Governing Law
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