

Nicolet® Elite Ultrasound Doppler



Superior performance,
ultimate flexibility

natus.



Nicolet® Elite

Superior performance, ultimate flexibility

The Elite is a configurable, ultrasound Doppler used to detect the fetal heartbeat and to assist in monitoring peripheral arterial and venous blood flow. We've taken over 40 years of Doppler experience and created a product that excels in every facet of performance. The Elite has a comfortable probe shape that makes finding a signal easier than ever before. It combines extreme sensitivity and incredibly clear, static-free sound into a compact, pocket-sized package.

High-quality sound

The most important output of any Doppler is the sound. Static Suppression Doppler (SSD) technology provides a crystal clear, static-free signal for the best possible diagnostic information. The large, built-in speaker or optional headset provide reliable sound that can be heard publicly or privately.

Broad-beam technology

The comfortable shape of the Elite probe is easy to hold and features broad-beam technology, making it easy to find and lock onto the signal of interest. The large probe face of the 5 MHz vascular probe eliminates the need to angle the probe. Simply align it horizontally along the vessel of interest.

Proven obstetric reliability and superior vascular performance

The comfortable shape of the Elite probe is easy to hold and features broad-beam technology, making it very easy to find and lock onto the signal of interest. Our probe technology has been used in obstetric applications for years and is effective in detecting fetal heartbeats as early as 8 weeks in most pregnancies. The pre-angled crystals, broad-beam technology and large probe face of our 5 MHz probe allows you to quickly locate vascular signals. As with the 2 and 3 MHz obstetric probes, there is no need to angle the probe.



Nicolet obstetric probes

2 MHz obstetric probes

The 2 MHz obstetric probe has a deep signal penetration and is best used to determine fetal viability in larger women and later in pregnancy. It will consistently pick up the fetal heartbeat at 12 weeks and is preferred for use during labor and delivery. The **2 MHz waterproof obstetric probe** is suited for underwater labor and delivery.



3 MHz obstetric probes

The 3 MHz obstetric probe has a shallow signal penetration and is more sensitive to early fetal heartbeats. It can pick up the fetal signals as early as 8 - 12 weeks. It is most commonly used to find fetal heartbeats and to monitor the fetus in the earlier stages of pregnancy.



Nicolet vascular probes

5 MHz vascular probes

The 5 MHz vascular probe has a deeper penetration than the 8 MHz probe. It is most commonly used for post-surgical patients, locating hard-to-find pulses and monitoring deep veins and arteries in legs; and for ABI studies in larger patients.



8 MHz vascular probes

The 8 MHz vascular probe has a shallow signal penetration and is best used to assess superficial vessels. It is most commonly used for Ankle/Brachial Index (ABI) studies, finding pedal pulses, wound care applications and locating hard-to-find pulses in diabetic and trauma patients.



The Elite sets new standards for pocket Doppler performance

Optional heart-rate display

The Elite is available with a heart-rate display for both obstetric and vascular applications. The optional digital readout utilizes autocorrelation, a pattern recognition technique that accurately tracks the heart rate. The convenient display saves you counting and calculating time.

Optional recharger

The Elite is available with a standard 9 Volt alkaline battery or a rechargeable 8.4 volt NiMH battery that eliminates frequent battery replacement.

Secure rollstand

Introducing a rollstand with a custom bracket for your Nicolet Elite Doppler. Finally there is a way to secure your hand-held Doppler to prevent theft. Simply secure your Nicolet Elite Doppler with our custom bracket mounted on a durable, lightweight rollstand to help prevent theft.

Exceptional ownership experience

Nicolet Brand Products captures the knowledge and expertise of more than five decades of ingenuity and innovation. A leading manufacturer of handheld and desktop Dopplers for obstetric and vascular applications, we strive to build upon our sterling reputation and continue to meet the rigorous standards for quality and reliability that our customers have come to expect. Nicolet Elite follows in the Natus tradition of excellent customer service. The Elite is manufactured in our ISO 13485 certified facility.



System configurations



Elite 100

Elite 100 non-digital display with alkaline batteries

With 2 MHz obstetric probe	EN20
With 3 MHz obstetric probe	EN30
With 5 MHz vascular probe	EN50
With 8 MHz vascular probe	EN80
With 2 & 3 MHz obstetric probes	EN23
With 2 MHz obstetric & 5 MHz vascular probes	EN25
With 2 MHz obstetric & 8 MHz vascular probes	EN28
With 3 MHz obstetric & 5 MHz vascular probes	EN35
With 3 MHz obstetric & 8 MHz vascular probes	EN38
With 5 & 8 MHz vascular probes	EN58
With 2 MHz waterproof obstetric probe	EN2W
With 2 MHz waterproof and 3 MHz standard obstetric probes	EN2W3
With ABI kit and 5 MHz vascular probe	EN5A
With ABI kit and 8 MHz vascular probe	EN8A
Without probe (with accessories)	ZPK001NP
Main unit only (without probes and accessories)	XMD010

Elite 100R non-digital display with rechargeable batteries

With 2 MHz obstetric probe	EN20R
With 3 MHz obstetric probe	EN30R
With 5 MHz vascular probe	EN50R
With 8 MHz vascular probe	EN80R
With 2 & 3 MHz obstetric probes	EN23R
With 2 MHz obstetric & 5 MHz vascular probes	EN25R
With 2 MHz obstetric & 8 MHz vascular probes	EN28R
With 3 MHz obstetric & 5 MHz vascular probes	EN35R
With 3 MHz obstetric & 8 MHz vascular probes	EN38R
With 5 & 8 MHz vascular probes	EN58R
With 2 MHz waterproof obstetric probe	EN2WR
With 2 MHz waterproof and 3 MHz standard obstetric probes	EN2W3R
With ABI kit and 8 MHz vascular probe	EN8AR
Without probe (with accessories)	ZPK002NP
Main unit only (without probe and accessories)	XMD011



Elite 100R

Elite 100R non-digital display with rechargeable batteries, 220 Volt (For international only)

No display, rechargeable battery

With 2 MHz obstetric probe	EN20RI
With 3 MHz obstetric probe	EN30RI
With 5 MHz vascular probe	EN50RI
With 8 MHz vascular probe	EN80RI
With 2 and 3 MHz obstetric probes	EN23RI
With 2 MHz obstetric and 5 MHz vascular probes	EN25RI
With 2 MHz obstetric and 8 MHz vascular probes	EN28RI
With 3 MHz obstetric and 5 MHz vascular probes	EN35RI
With 3 MHz obstetric and 8 MHz vascular probes	EN38RI
With 5 and 8 MHz vascular probes	EN58RI
With 2 MHz waterproof obstetric probe	EN2WRI
With 5 MHz vascular probe & ABI cuff kit	EN5AR-I
With 8 MHz vascular probe & ABI cuff kit	EN8ARI
Without probe	ZPKNP201
Main unit only (without probe and accessories)	XMD011

System configurations (continued)



Elite 200

Elite 200 digital display with alkaline batteries

With 2 MHz obstetric probe	ED20
With 3 MHz obstetric probe	ED30
With 5 MHz vascular probe	ED50
With 8 MHz vascular probe	ED80
With 2 & 3 MHz obstetric probes	ED23
With 2 MHz obstetric & 5 MHz vascular probes	ED25
With 2 MHz obstetric & 8 MHz vascular probes	ED28
With 3 MHz obstetric & 5 MHz vascular probes	ED35
With 3 MHz obstetric & 8 MHz vascular probes	ED38
With 5 & 8 MHz vascular probes	ED58
With 2 MHz waterproof obstetric probe	ED2W
With 2 MHz waterproof and 3 MHz standard obstetric probes	ED2W3
With ABI kit and 8 MHz vascular probe	ED8A
Without probe (with accessories)	ZPK003NP
Main unit only (without probe and accessories)	XMD007

Elite 200R digital display with rechargeable batteries

With 2 MHz obstetric probe	ED20R
With 3 MHz obstetric probe	ED30R
With 5 MHz vascular probe	ED50R
With 8 MHz vascular probe	ED80R
With 2 & 3 MHz obstetric probes	ED23R
With 2 MHz obstetric & 5 MHz vascular probes	ED25R
With 2 MHz obstetric & 8 MHz vascular probes	ED28R
With 3 MHz obstetric & 5 MHz vascular probes	ED35R
With 3 MHz obstetric & 8 MHz vascular probes	ED38R
With 5 & 8 MHz vascular probes	ED58R
With 2 MHz waterproof obstetric probe	ED2WR
With 2 MHz waterproof and 3 MHz standard obstetric probes	ED2W3R
Without probe (with accessories)	ZPK004NP
Main unit only (without probe and accessories)	XMD008



Elite 200R

Elite 200R digital display with rechargeable batteries, 220 Volt (For international only)

With 2 MHz obstetric probe	ED20RI
With 3 MHz obstetric probe	ED30RI
With 5 MHz vascular probe	ED50RI
With 8 MHz vascular probe	ED80RI
With 2 and 3 MHz obstetric probes	ED23RI
With 2 MHz obstetric and 5 MHz vascular probes	ED25RI
With 2 MHz obstetric and 8 MHz vascular probes	ED28RI
With 3 MHz obstetric and 5 MHz vascular probes	ED35RI
With 3 MHz obstetric and 8 MHz vascular probes	ED38RI
With 5 and 8 MHz vascular probes	ED58RI
With 2 MHz waterproof obstetric probe	ED2WRI
Without probe	ZPKNP401
Main unit only (without probe and accessories)	XMD008



Supplies

Natus offers a full range of Nicolet brand obstetric and vascular Dopplers, accessories and supplies. Our dedicated customer service team based in Golden, Colorado has been providing exceptional support for over 40 years.

For more information, please contact your Nicolet Distributor or call:

Toll Free: 877-842-7970

International: 303-431-9400

Fax: 303-431-0429

Technical Specifications

Width	2.75 in (73 mm)
Height with probe attached	6 in (170 mm)
Depth (including belt clip)	1.5 in (24 mm)
Weight (with batteries installed and probe attached)	10.3 oz (292 g)

Warranty against manufacture defects

Unit	1 year labor and 10 years parts
Probe	1 year labor and parts

Accessories

Product	Part#
Probes	
2 MHz obstetric probe	N200
3 MHz obstetric probe	N300
5 MHz vascular probe	N500
8 MHz vascular probe	N800
2 MHz waterproof probe	NW20

Rollstand	Part#
With the bracket	ST1
With bracket & storage basket	ST2
Storage basket for rollstand	BSKT
Locking bracket	B100

Charger (100R and 200R models)	Part#
110V	C640
220V	C640I

Batteries	Part#
Elite 100R & 200R	C622
Elite 100 & 200	C623

Coiled cord	CB0046
Soft-sided carrying case	A420
Headset	A210

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