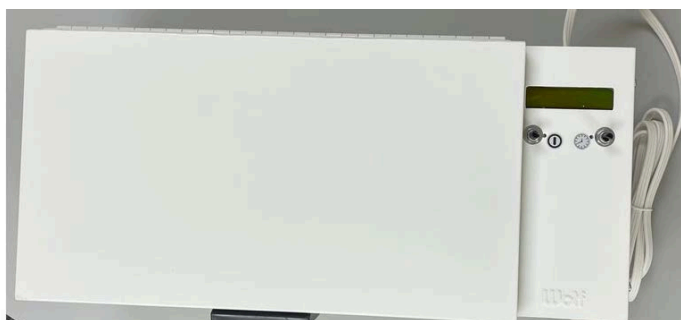


INSTRUCTIONS FOR USE

REF

21520, 21522, 21524 WOLF FILM DUPLICATORS



1. *Indication for use*

Wolf manufactures three sizes of x-ray duplicators, with screen sizes of 14" X 17", 10" X 12" and 6" X 12". Our duplicators constructed of steel, finished in durable baked enamel and they can be used with any available duplicating film. To operate the duplicators, simply place the film to be duplicated on the plexiglass screen with a sheet of duplicating film on top, close the cover, set the exposure time and push the button! The timer will signal when the exposure is complete.

2. *Instructions for Use*

It is always recommended to


A. **USE ONLY DUPLICATING FILM**

B. Open latch and lift cover

C. Place the original x-ray to be duplicated on top of the plate. Then place the duplicating film (emulsion must be face down) on top of the original. Small notch must be on the UPPER RIGHT CORNER.

D. Close the cover and latch.

E. Depress the on-off switch  to turn the unit on.

F. Rotate the timer dial  to 10 seconds.

G. Average duplicating time is 10 seconds. This could vary by the density of the original or the desired density of the duplicate.

H. Depress the timer dial. This will start the timer cycle. The display will show the remaining time and chime when the cycle is complete.

I. After duplication is complete, open the cover and remove the duplicated film. Process the duplicating film in the same manner as regular x-ray film.

J. If the density of the duplicate is too dark, increase the exposure time. If the duplicate is too light, decrease the exposure time.

K. As long as the duplicator remains plugged in, the last timer setting will remain in memory.

NOTE: Duplicating film is a direct positive film. As such, the relationship of exposure to image density is directly *opposite* that of dental x-ray film. Developing solutions must be kept constantly fresh. Failure to do so will result in poor duplicates. Use manufacturers recommended developing instructions.



3. *Technical Data*

Model 21522	Model 21520	Model 21524
18 ¼" L x 6 ¼" H x 12" W	18 ¼" L x 6 ¼" H x 8" W	23 3/8" L x 9" H x 16 ¼" W
Power supply 110V 60 Cy	Power supply 110V 60 Cy	Power supply 110V 60 Cy
AC 0.25 Amps	AC 0.25 Amps	AC 0.25 Amps
Duplicates film up to 10" x 12	Duplicates film up to 6" x 12"	Duplicates film up to 14" x 17"

4. *Routine care and cleaning instructions:* Wipe clean with an antibacterial wipe

5. *Precautions/Warnings:* California's Proposition 65

6. *Disposal:* Product should be disposed of according to applicable local laws.

7. *Adverse reactions:* Non-known

LBL-0200-6 Rev. 2
01/2023