



Expect Service

Radiation Products Design Inc

INSTRUCTIONS

RPD INFORMATION

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RPD PRODUCT INFORMATION

Item Number	Description
370-250	Duplicator, Film Screen Size 14" x 17"

OPERATING INSTRUCTIONS FOR FILM DUPLICATORS (MODELS 21520, 21522 AND 21524)

1) USE ONLY DUPLICATING FILM

2) Open latch and lift cover

3) 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.

4) Close the cover and latch .

5) Depress the on-off switch  to turn the unit on.

6) Rotate the timer dial  to 10 seconds.

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

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

9) 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.

10) If the density of the duplicate is too dark, *increase* the exposure time. If the duplicate is too light , *decrease* the exposure time.

11) 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.

Technical Data

Model 21522

18 ¼ " L x 6 ¼ " H x 12" W
Power supply 110V 60 Cy
AC 0.25 Amps
Duplicates film up to
10" x 12"

Model 21520

18 ¼ " L x 6 ¼ " H x 8" W
Power supply 110V 60 Cy
AC 0.25 Amps
Duplicates film up to
6" x 12"

Model 21524

23 3/8 " L x 9" H x 16 ¼ " W
Power supply 110V 60 Cy
AC 0.25 Amps
Duplicates film up to
14" x 17"