

PROCESSORS

3M 1600 Roll Film Processor

The microfilm processing system that's completely self-contained.

If microfilm processors have always seemed too large or too expensive to install in your office, the convenient new 3M 1600 Film Processor is just right for you. The unit is table-top size and requires no exterior plumbing. To install it, the service technician simply plugs it into the nearest electrical outlet.

It's also easy to operate. Just insert a reel of 16mm film or a 3M camera cartridge. Everything else is automatic.

Processing chemistry is totally self-contained in the 3M Chem-Pac. Each Chem-Pac processes ten rolls of 5 mil x 100' film or five rolls of 2½ mil x 200' film. The processor automatically monitors the chemicals and prevents the processing of film when the chemistry is depleted. When the Chem-Pac is depleted, simply remove it and install another. The 1600 also has a short term back-up power and memory system in case of power failure or the machine is moved.

With a 3M 1600 Film Processor, your records remain secure. You don't have to worry about losing microfilm in the mail or lab. Just 20 minutes of processing for a 100' roll and your film is ready to use.



The 1600 Film Processor easily handles either 3M cartridges or 16mm roll film, and you can interchange them at any time.



It fits conveniently on a table top and requires no external plumbing or special electrical hook-ups.



The Chem-Pac is entirely self-contained and fits easily into the machine. At the end of the chemicals' life, simply remove the Chem-Pac and install another.

Typical Machine Characteristics

Master Film: Ten 100' rolls of 5 mil, or five 215' rolls of 2.5 mil silver halide 16mm roll film.

Film Drive Speed: 5' (1524mm) per minute at 115 VAC.

Processing Time: 20 minutes for a 100' roll.

Warm-up Time: 20 minutes at 115 VAC.

Operating Environment: Heat Dissipation: Processing 1,651 BTU/Hour at 115 VAC and 60 Hz. Standby: 209 BTU/Hour.

Noise Level: Operating Mode – 65dB maximum.

Environment:

- Ambient Temperature:**
Operating: 60° to 85°F (16° to 29°C);
Storage: -20° to 140°F (-29° to 60.5°C);
- Relative Humidity:**
Operating: 10-80% Non-Condensing;
Storage: 5-90%.

Power Requirements: 90-250 VAC; 4.2 amp at 115 VAC, 60 Hz; 2.1 amps at 230 VAC, 50 Hz.

Power Consumption:

- Standby – 57 watts at 115 VAC, 60 Hz.
- Processing – 483 watts at 115 VAC, 60 Hz.

Processor Dimensions: 13½"H x 26"W x 12"D (343mm x 660mm x 305mm).

Weight: 30 lbs. (13.6 kg).

Shipping Dimensions: 18"H x 31"W x 17"D (457mm x 787mm x 432mm).

Weight: 35 lbs. (15.9 kg).