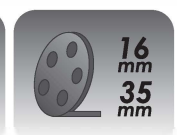


Micrographics Data

MD PRO3

Microfilm Deep Tank Processor

- ✓ The only microfilm processor in the world that has built-in water heater with controlled temperature (no external water storage heater required)
- ✓ Water and chemistry saving with digital Smart Control System.
- ✓ Superior in-line deep tank, black/white processing, brown toning, washing & drying system exceeding ISO and ANSI Standards.





*Actual design is subjected to changes

TECHNICAL DATA

Brand Name : Micrographics Data
Model : MD PRO3

	COLOR PROCESSING	BLACK AND WHITE/GREYSCALE/BROWN TONING
Chemistry Type	: P5	RTU (ready to use) or Concentrate
Operating System	: Centralised Digital Touch Screen Controller	Centralised Digital Touch Screen Controller
Operating Parameters	: Film Speed, Temperature, Self-Replenishing, Volume Flow Rate	Film Speed, Temperature, Self-Replenishing, Volume Flow Rate
Film Type	: 16mm/35mm Microfilm Rolls	16mm/35mm Microfilm Rolls
Film Length	: Up to 1000ft or 305m	Up to 1000ft or 305m
Operation	: Daylight	Daylight
Transport Speed	: Up to 60cm/min (2FPM)	Up to 335cm/min (11FPM)
Developing Time	: 120 Secs	30 Secs
Chemistry & Water Working Temperature	: 30 - 40 Deg.C (86 - 104 Deg.F)	32 - 40 Deg.C (90 -104 Deg.F)
Circulation Pump	: Developer/Bleach/Fixer	Developer/Fixer/Brown Toning
Filter	: Developer/Bleach/Fixer	Developer/Fixer/Brown Toning
Drying System	: Side-Channel Blower with Filter	Side-Channel Blower with Filter
Dryer Temperature	: 32-55 Deg.C (90-131 Deg.F)	32-55 Deg.C (90-131 Deg.F)
Drying Time	: up to 4 min	up to 65 secs
Water Consumption	: up to 1.5 l/min	between 0.1 – 0.4 l/min
Developer / Fixer Consumption	: up to 0.9 l/min	between 0.05 - 0.10 l/min

Tank Units :		COLOUR	BLACK & WHITE	IN-LINE BROWN TONING	VOLUME IN LITRE
	Tank 1	Developer	Developer	Developer	up to 10
	Tank 2	Wash	Wash	Wash	up to 10
	Tank 3	Bleach	Fixer	Fixer	up to 10
	Tank 4	Wash	Wash	Wash	up to 10
	Tank 5	Fixer	Wash	Wash	up to 10
	Tank 6	Wash	Wash	Brown Toning	up to 10
	Tank 7	Final Wash	Wash	Wash	up to 6.0

Voltage : Single Phase, 230V, 50Hz (optional step up transformer required for 110V)
Electrical Power : 2.0 KW
Fuse Protection : 15A
Physical Dimensions : 2128mm (W) x 600mm (D) x 1415mm (H)
Gross Weight : 295kg
Warranty Period : 1 Year Manufacturer Warranty

Microfilm will continue to remain an important role of long-term digital preservation. The latest MD PRO3 digital microfilm deep tank processor is developed to complement today's digital archive writer such as the MD AW Series of archive writers.

MD PRO3 is a fully automated digital deep-tank microfilm processing system equipped with the latest electronic touch screen multifunctional operator terminal control panel and monitoring system that gives the user an intuitive control over the microfilming process. This allows precision control of the film developer, fixer & water temperature, water flow and transport speed for the most stringent ISO archiving standards.

MD PRO3 contains 7 stainless steel (type 316 grade for corrosion resistance) deep tanks and a build in smart automatic replenish system to optimize chemical usage. The standard version of the film processor can develop either 16 mm or 35 mm microfilms with a length of up to 305m with 105mm film as an option. MD PRO3 colour processing is based on Ilford P-5 that guarantees perfect results to meet the high demands of colour microfilming process for long-term durability, archiving security and high throughput. With more than 30 years' experience in the Micrographics industry, MD PRO3 is the result of the next generation of digital microfilm processors with today's cutting-edge technology.

Manufactured By:



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