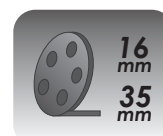


# MD PRO2

Microfilm Deep Tank Processor





\*Actual design is subjected to changes

## TECHNICAL DATA

Brand Name : Micrographics Data  
Model : MD PRO2

	COLOR PROCESSING	BLACK AND WHITE/GREYSCALE/BROWN TONING
Color Processing Type	: P - 5	Conventional (Negative/Positive)
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 360cm/min (12FPM)
Developing Time	: 100 Secs	17 Secs
Working Temperature	: 32 - 38 Deg.C (90 - 100 Deg.F)	32 - 39 Deg.C (90 - 102 Deg.F)
Circulation Pump	: Developer/Bleach/Fixer	Developer/fixer
Filter	: Developer/Bleach/Fixer	Developer/fixer
Drying System	: Side-Channel Blower with Filter	Side-Channel Blower with Filter
Dryer Temperature	: 32 - 45 Deg.C (104 - 113 Deg.F)	40 - 45 Deg.C (104 - 113 Deg.F)
Drying Time	: up to 8-9 mins	up to 84 secs.
Water Consumption	: up to 0.5 - 1.5 l/min	up to 0.5 - 1.5 l/min
Developer / Fixer Consumption	: up to 20 ml/m	up to 7 ml/m

Tank Units :		COLOUR	BLACK & WHITE	IN-LINE BROWN TONING	VOLUME IN LITRE
	Tank 1	Developer	Developer	Developer	up to 8.5
	Tank 2	Rinse	Rinse	Rinse	up to 2.0
	Tank 3	Bleach	Fixer	Fix	up to 8.5
	Tank 4	Wash	Wash	Wash	up to 8.5
	Tank 5	Fixer	Wash	Brown Toning	up to 8.5
	Tank 6	Wash	Wash	Wash	up to 8.5
	Tank 7	Final Wash	Wash	Wash	up to 3.5

Voltage	: Single Phase, 230V, 50Hz (optional step up transformer required for 110V)
Electrical Power	: 2.0 KW
Fuse Protection	: 15A
Physical Dimensions	: 2179mm (L) x 1420mm (H) x 629mm (Depth)
Gross Weight	: 200kg

Microfilm will continue to remain an important role of digital preservation. The latest MD PRO2 microfilm deep tank processor is developed to complement today's digital archive writer equipment such as the MD AW Series of archive writers.

MD PRO2 is a fully automated 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 and fixer temperature, water flow and transport speed for the most stringent ISO archiving standards.

MD PRO2 contains 7 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 PRO2 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.

Micrographics Data has more than 20 years' experience in the Micrographics industry and as a manufacturer of digital archive writers, MD PRO2 is the result of the next generation of microfilm processors with today's cutting edge technology.

Manufactured By:



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