

## DATA – SHEET

### MEDIPHOT Automatic X-Ray Film Processors

**Programmable microprocessor**, controls the solution temperatures, dryer temperature, transport speed, processing time, replenishment, water saver and drive motor.

**Programmable microprocessor**, activates the automatic standby, antioxydation and anticrystallization cycle, automatic start/stop function and replenishment pumps.

**Intermediate rinse bath facilities**, avoiding chemicals build-up and crystallization on squeegee rollers, helping to save daily cleaning time and replenishment costs.

**Maintenancefree inline precision gearing** for the transport system and for the racks.

**Processor is able to process roll film at any length as well.** Feed and pick-up devices are available for all our processors.

**Replenishment** exactly according to the amount of film area fed into the processor – sensors for exact film area detection.

**Processing chemicals** are replenished also when the processor is in standby. The microprocessor controlled antioxydation replenishment cycle compensates air oxydation of chemistry during standby mode of processor.

**Slim rack design** – less air oxydation of chemicals, less chemistry volume in processor tanks – quick turnover by replenishment of whole tank content- stabil properties of processing chemicals.

**Warm air dryer systems** with safety switch facility.

**Staggered rollers rack transportation system**, no spring tensioned, opposed rollers or metal guides used.

Technical Specifications					cm (inch)
Type of Processor	MP 900E	MP 937	MP 943	MP 902	MP 903
Max. Film Width	36 (14)	36 (14)	43 (17)	43 (17)	43 (17)
Min. Film Width	7,5 (3)				
Min. Film Length	10 (4)				
Tanks (PVC)	3				
Tankcap. (approx) lt.	2,6	6	6,5	7,5	10
Dev/Fix Temp. Range	18 – 43° C (64 – 109° F)				
Dryer Temp. Range	fixed	max. 60° C (140° F)			
Min. Cycle Time	90 sec	(60) 90 sec (dry to dry)			
Var. Cycle Time	3 programs	preprogrammable up to 10 (13) min extended proc. cycle			
Capacity at 90 sec Films/hour	69 cm / min (27"/min)	100 cm/min (40"/min)	100 cm/min (40"/min)	125 cm/min (50"/min)	175 cm/min (70"/min)
35x43 cm (14x17")	96	140	171	214	300
Replenishment	acc. film area, variable/programmable 0 – 800 ml/m <sup>2</sup>				
Electr. Power Supply all 50/60 Hz	1,7 kW 230 V~	3,1 kW 230 V~	3,1 kW 230 V~	3,4 kW 230 V~	5,4 kW 3~230 V or ~400/230
Water Supply/Drain	R ¾", 7 – 15 °C, 3 – 6 bar, approx. 1,5 – 2 l/min./32 mm (5/4 inch) hose or tube				

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More info regarding ART COLENTA Medical Product Line  
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