

data sheet

MEDIPHOT

MEDIPHOT 943

X-Ray-Filmprocessor



Colenta[®]

**COLENTA Medical X-Ray Film Processor:
TYPE MP943 VI / VII**

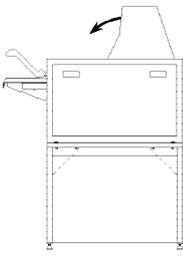
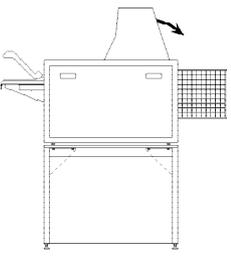
For all standard X-Ray Films - incl Mammography.



08/2017 AN

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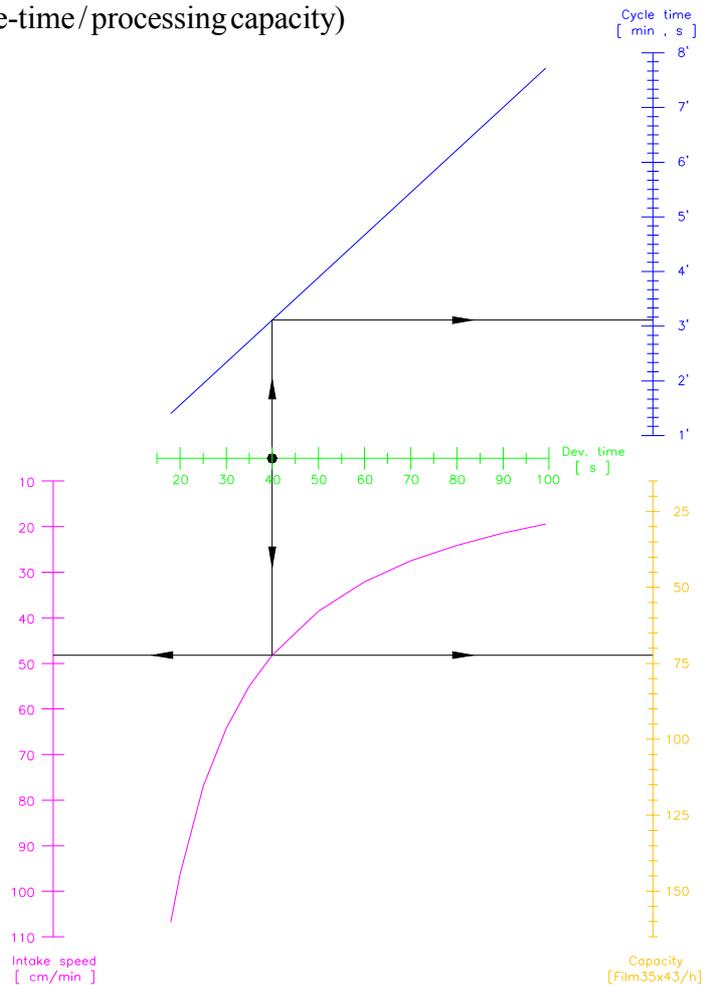
Technical Specifications

Processing applications:	cut sheets of all common used medical X-Ray films incl. Mammography	
film thickness:	min. 0,10 mm	
film width:	min. 10 cm (4") - max. 43 cm (17")	
film length:	min. 10 cm (4")	
time in Developer:	*preprogrammable from min 14 seconds to max 35 seconds	
processing capacity:	*100cm/min @ 17 sec Dev Time	
cycle Time (dry to dry):	*standard at 90 seconds	
	*see table on next page	
Tank capacity -		MP 943 I/II
Developer:	6,5 L	
Fixer:	6,5 L	
Wash water:	6,5 L	
Solution heating(Fix and DEV):	variable / preprogrammable within 18°C - 43°C (350W Inline Heater)	
Dryer:	warm air - on InfraRed in use!	VERSION I Media Exit on Top Cover Lid
Replenishment:	fully automatic for Dev & Fix . replenishment is microprocessor controlled and calculated from information received from sensors measuring the width and length of material entering the processor. Replenishment cycles are variable.	
power supply:	1 / N / PE~ 230V (+6% / -10%), 50Hz, 13A, 2.8KW (alternatives are available on request)	
water supply:	2-way water solenois valve, with 3/4" hose connection by using a DVGW-approved system-separating device or pipe-separating device.	
Wash water flow rate:	2,0 ltr/min when film is in process	
Wash water supply pressure:	2 - 6 bar	
Wash water supply:	filtered at a temperature of 8°C - 15°C	
<u>Weight:</u>		MP 943 I/II
Empty	127 kg	
With solution	146 kg	

Technical specification subject to change without notice.

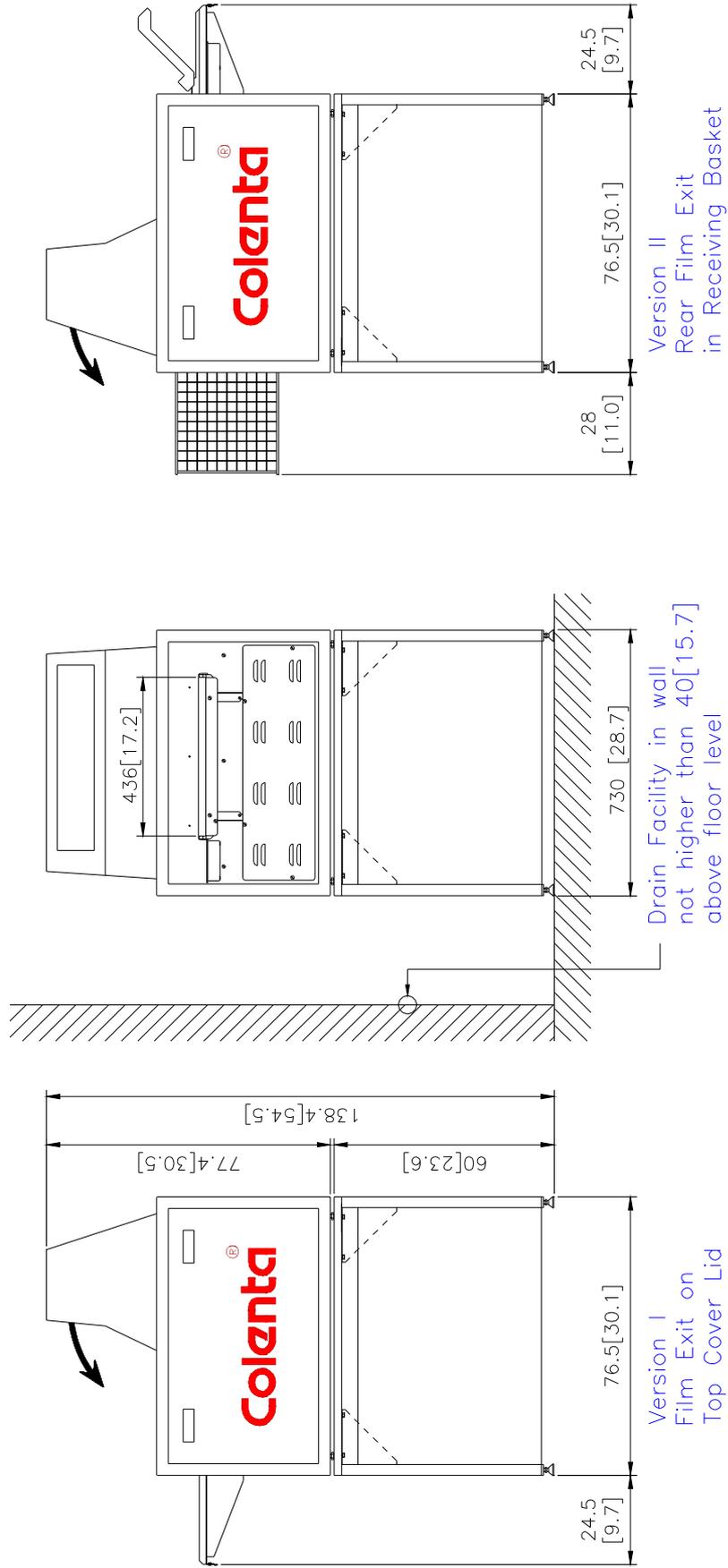
production-graph MP943 I/II:

(ratio: Dev-time/Cycle-time/processing capacity)



Dev. time [s]	Intake speed [cm/min]	Cycle time [min , s]
18.0	106.8	1' 24''
20.0	96.3	1' 33''
25.0	77.0	1' 57''
30.0	64.2	2' 20''
35.0	55.0	2' 43''
40.0	48.2	3' 07''
50.0	38.5	3' 53''
60.0	32.1	4' 40''
70.0	27.5	5' 27''
80.0	24.1	6' 13''
90.0	21.4	7' 00''
99.3	19.4	7' 43''

dimensions: MP943 I/II:



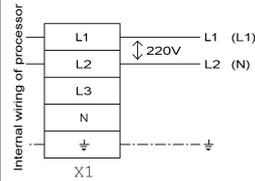
NOTE: 1) a minimum walking space around the processor of 50cm is highly recommended
 2) dimensions in cm [inch]

power supply: MP943 I/II

**230 VAC single phase, 50/60 Hz
total power consumption 2,8 kW**



**ATTENTION:
PROCESSOR TO BE CONNECTED TO
SUPPLY NET: 220V 50/60Hz**



**In case the above voltages are
not available at site, please
contact your local dealer or
the factory for rewiring advice.**

3 pin - power socket

(a suitable power cord is provided with
the processor)

main switch

export packing: MP943 I/II

packing dimensions:

1 wooden box on palette

packing volume:

150cm x 80cm x 112cm (L x W x H)

weight with packing:

1,344 m³

170 kg

