

# data sheet

# MEDIPHOT

## MEDIPHOT 943

# X-Ray-Filmprocessor



**Colenta**<sup>®</sup>

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

For all standard X-Ray Films - incl Mammography.



08/2017 AN

# Colenta<sup>®</sup> MEDIPHOT 943 X-Ray-Filmprocessor

## 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

<b>Tank capacity -</b>	Developer:
	Fixer:
	Wash water:

### MP 943 I/II

6,5 L

6,5 L

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!

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

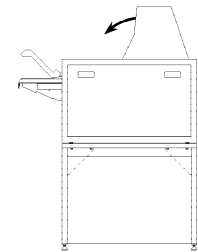
Weight:

Empty  
With solution

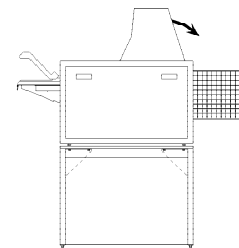
### MP 943 I/II

127 kg

146 kg



**VERSION I**  
Media Exit on  
Top Cover Lid

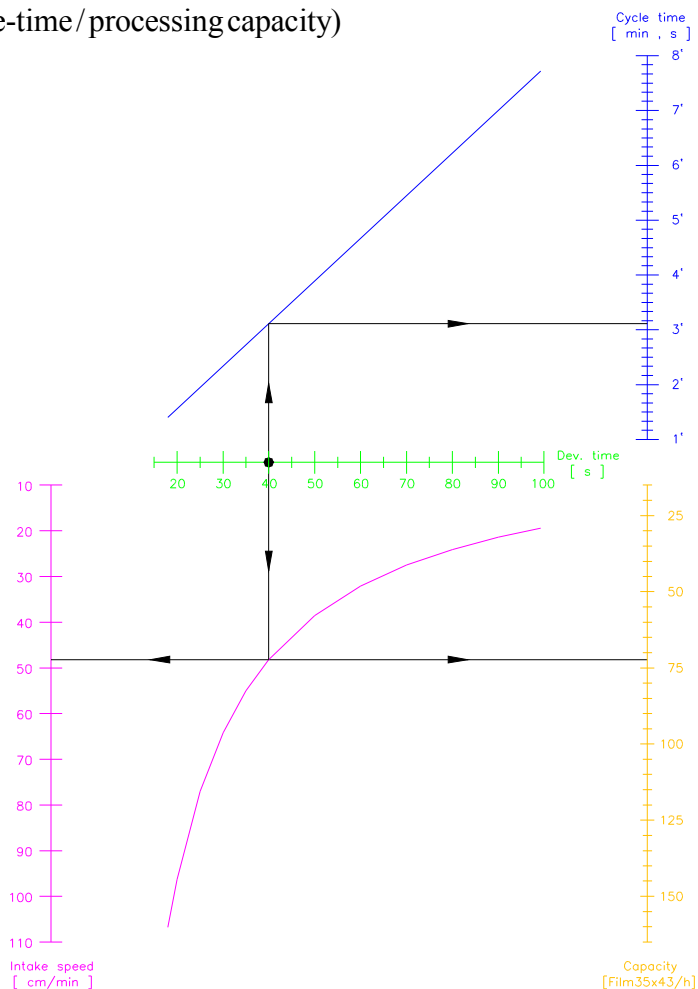


**VERSION II**  
Rear Media Exit  
in Receiving Basket

**Technical specification subject to change without notice.**

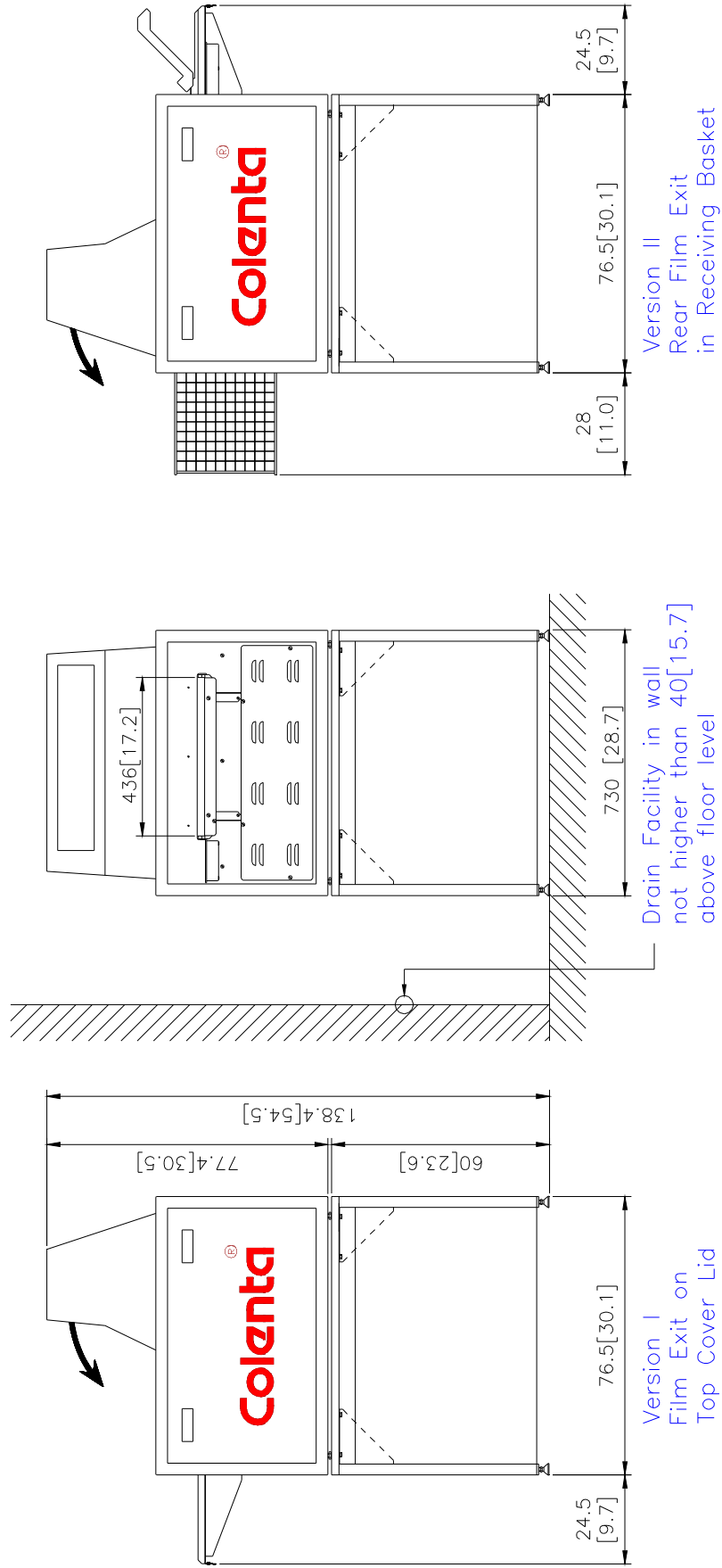
# production-graph MP943 I/II:

(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:



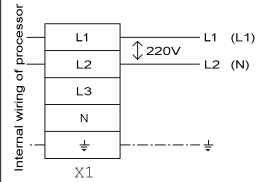
NOTE: 1) a minimum walking space around the processor of 50cm is highly recommended  
 2) dimensions in cm [inch]

# 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 m<sup>3</sup>**

**170 kg**

