

data sheet

MEDIPHOT

MEDIPHOT 900e

X-Ray-Filmprocessor



Colenta[®]

**COLENTA Medical X-Ray Film Processor:
TYPE MP900e**

For all standard X-Ray Films - incl Mammography.



11/2017 AN

Colenta[®] MEDIPHOT 900e X-Ray-Filmprocessor

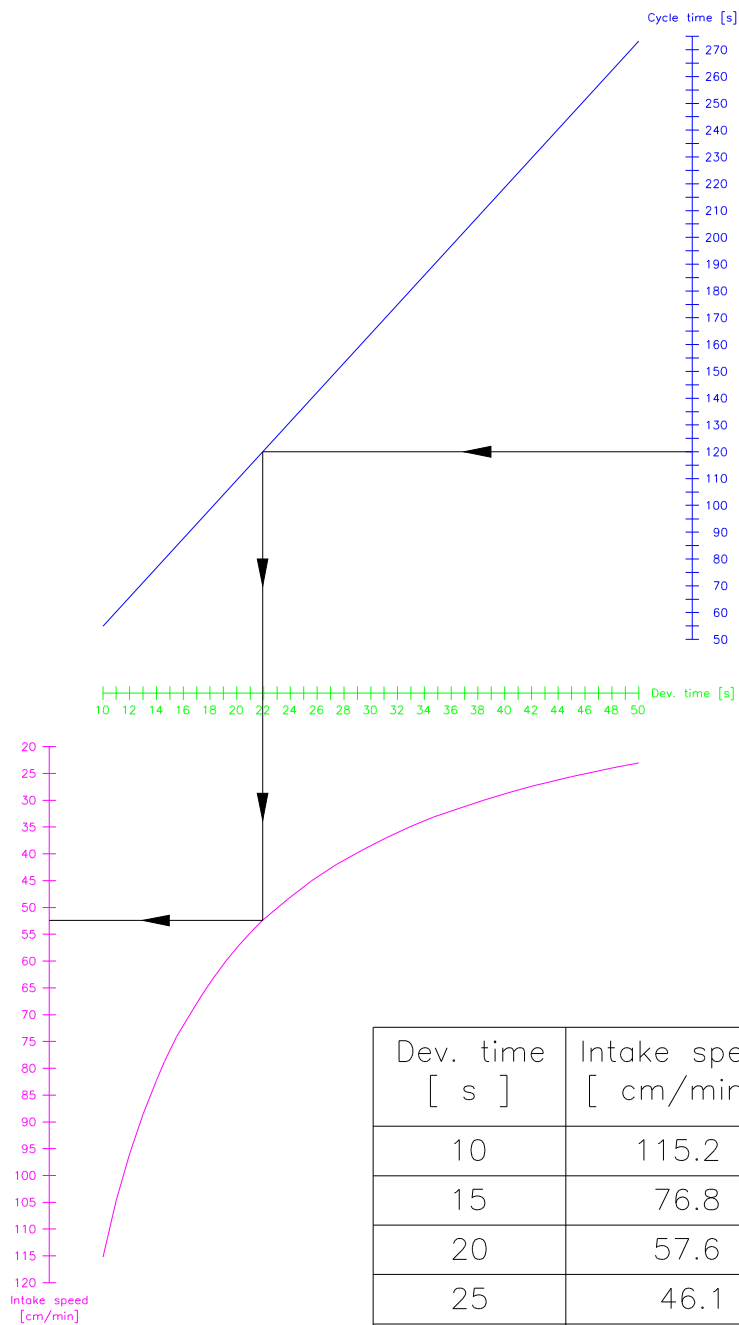
Technical Specifications

| | |
|-----------------------------------|--|
| 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. 36 cm (14") |
| film length: | min. 10 cm (4") |
| time in Developer: | *preprogrammable from min 10 seconds to max 50 seconds |
| processing capacity: | *69cm/min @ 17 sec Dev Time |
| cycle Time (dry to dry): | *standard at 90 seconds |
| | *see table on next page |
| Tank capacity - Developer: | MP 900e 2,5 L |
| Fixer: | 2,5 L |
| Wash water: | 3 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, 1.7KW (alternatives are available on request) |
| water supply: | 2-way water solenoid valve, with 3/4" hose connection by using a DVGW-approved system-separating device or pipe-separating device. |
| Wash water flow rate: | 1,5 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 900e |
| Empty | 58 kg |
| With solution | 66 kg |

Technical specification subject to change without notice.

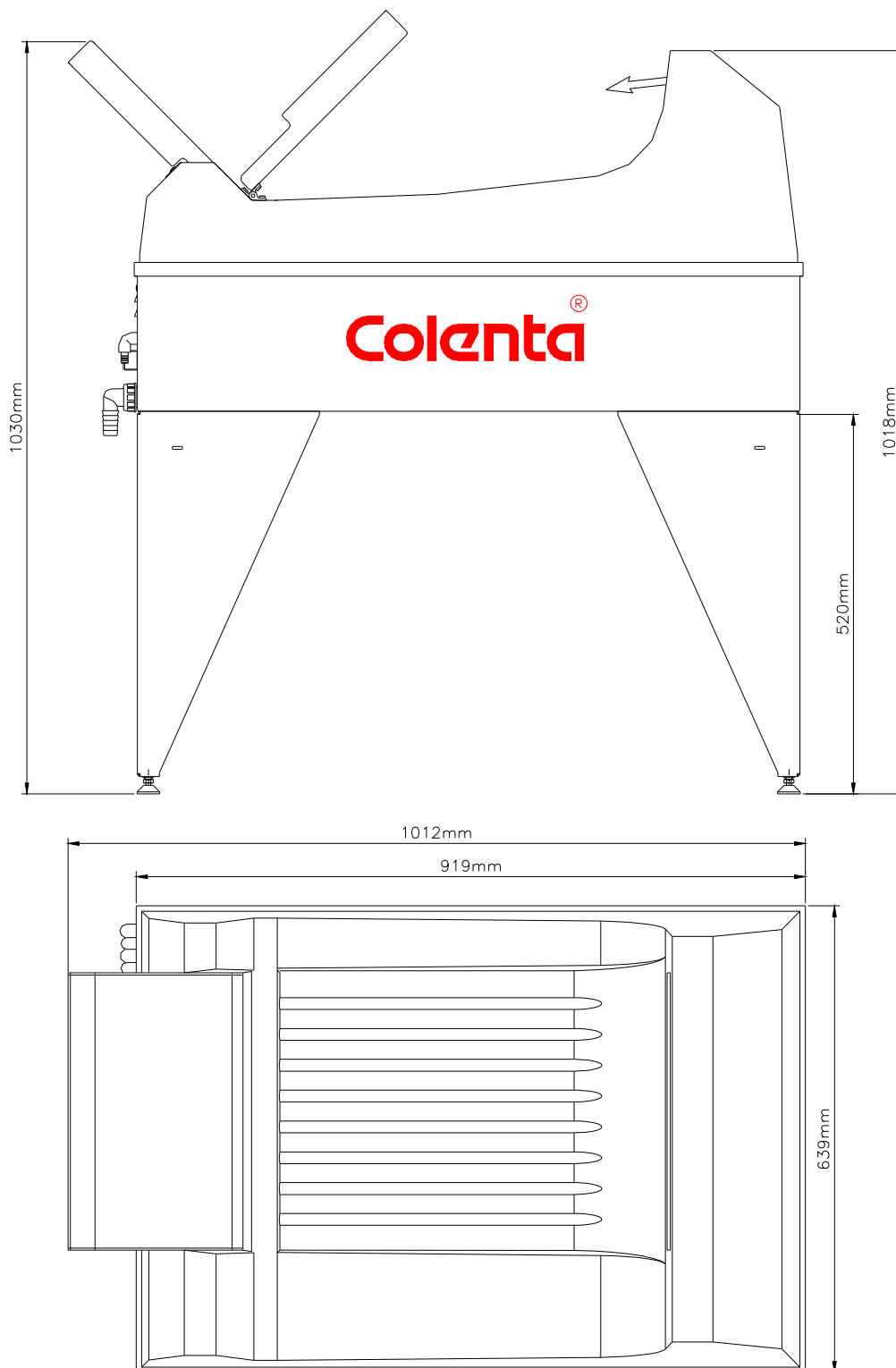
production-graph MP900e:

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



| Dev. time [s] | Intake speed [cm/min] | Cycle time [s] |
|-----------------|-------------------------|------------------|
| 10 | 115.2 | 54.7 |
| 15 | 76.8 | 82.0 |
| 20 | 57.6 | 109.4 |
| 25 | 46.1 | 136.7 |
| 30 | 38.4 | 164.1 |
| 35 | 32.9 | 191.4 |
| 40 | 28.8 | 218.8 |
| 45 | 25.6 | 246.1 |
| 50 | 23.0 | 273.4 |

dimensions: MP900e:



- NOTE:
- 1) a minimum walking space around the processor of 50cm is highly recommended
 - 2) drawing confirms the optional available extended cover lid for film feed tray
 - 3) drawing confirms the optional available open stand

power supply: MP900e

230 VAC single phase, 50/60 Hz
total power consumption 1,7 kW



main switch

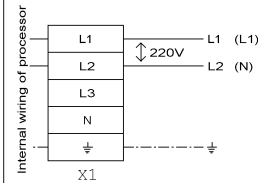
fuse

fuse

3 pin - power socket

(a suitable power cord is provided with the processor)

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.

export packing: MP900e

packing dimensions:

1 carton box on palette

packing volume:

120cm x 80cm x 80cm (L x W x H)

weight with packing:

0,768 m³

80 kg

