

# data sheet

**Colenta**<sup>®</sup>

**PCB 900**

**Filmprocessor**



**Colenta**<sup>®</sup>

**COLENTA Film Processor:**  
**TYPE PCB 900**  
For all standard PCB Films



**09/2023 AN**

# Colenta<sup>®</sup> PCB 900 Filmprocessor

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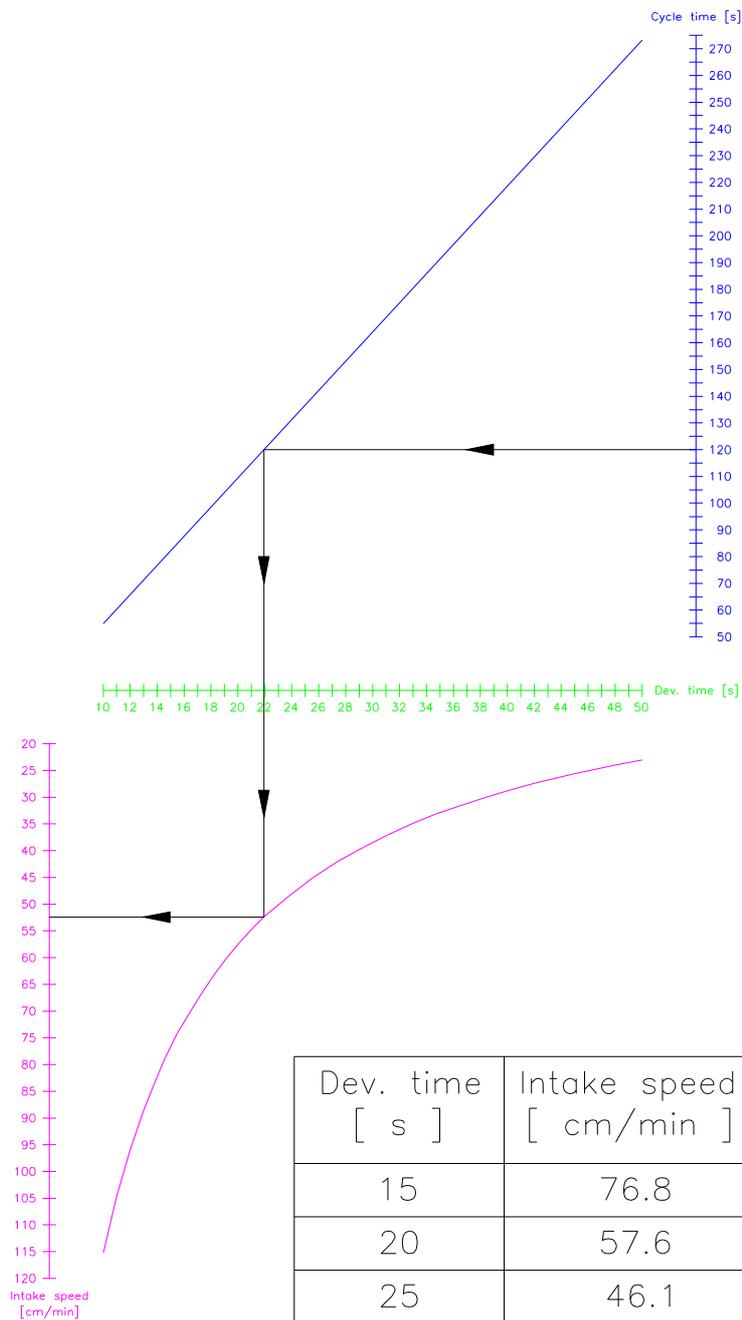
## Technical Specifications

Processing applications:	cut sheets of all common used PCB films
film thickness:	min. 0,10 mm
film width:	min. 10 cm (4") - max. 350mm
film length:	min. 10 cm (4")
time in Developer:	preprogrammable from min 15 seconds to max 50 seconds
processing capacity:	@ 30sec DevTime => 38cm/min @ 40sec DevTime => 28cm/min @ 45sec DevTime => 26cm/min (The DevTime is subject to the type of film in use)
<b>Tank capacity</b> - Developer:	<b>PCB 900e</b> 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>	<b>PCB 900</b>
Empty	58 kg
With solution	66 kg

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

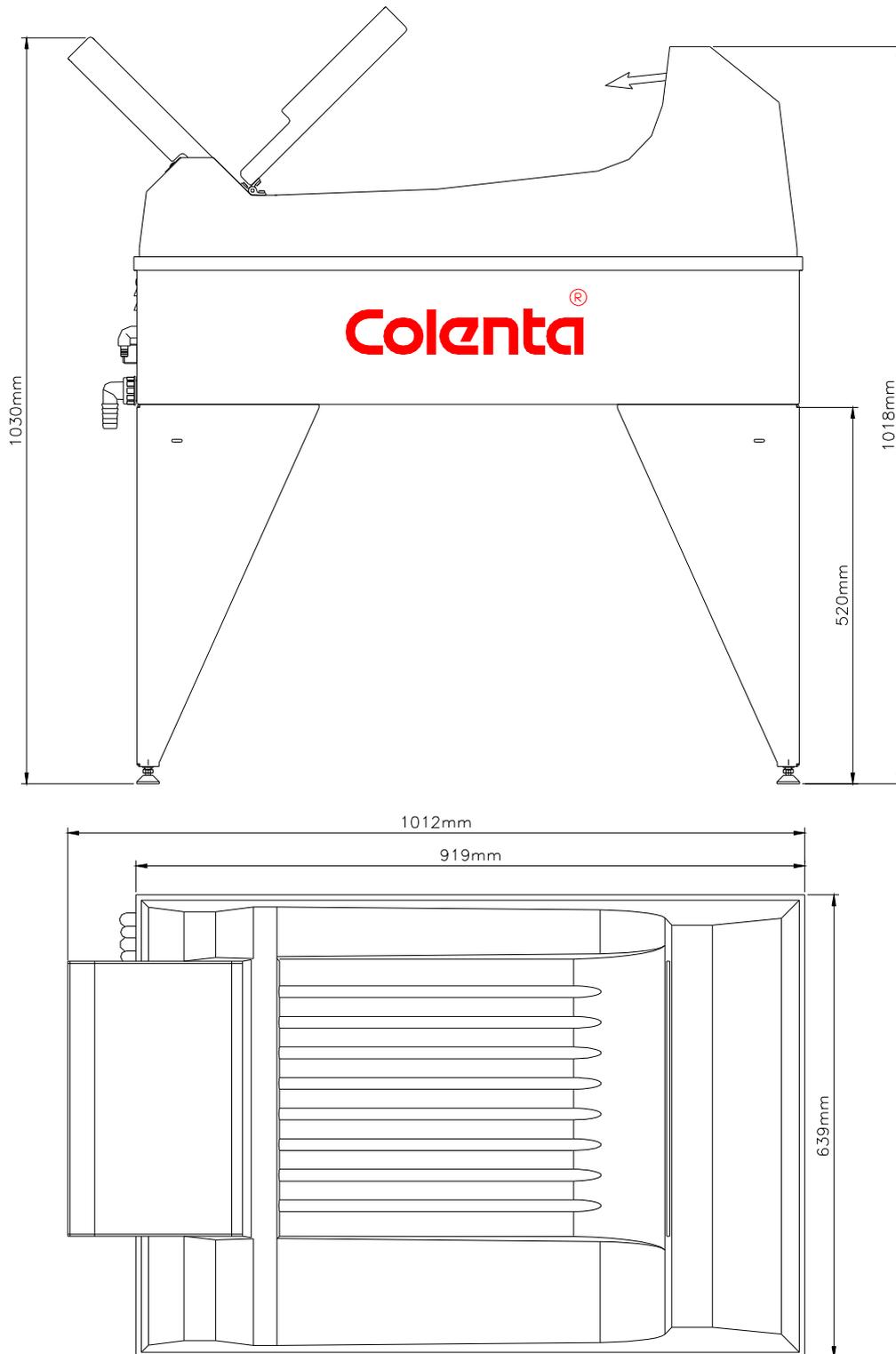
# Production graph PCB900:

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



Dev. time [ s ]	Intake speed [ cm/min ]	Cycle time [ s ]
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: PCB900:



- 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: PCB 900

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



**main switch**

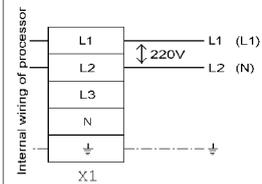
**fuse**

**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: PCB 900

**packing dimensions:**

**1 carton box on palette**

**packing volume:**

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

**weight with packing:**

**0,768 m<sup>3</sup>**

**80 kg**

