data sheet

Colenta ®

INDX 900e NDT
X-Ray-Filmprocessor

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

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COLENTA Industrial X-Ray Film Processor:
TYPE: INDX 900e For common used Industrial X-Ray Films

Colenta® INDX 900e NDT
# X-Ray-Filmprocessor

Technical Specifications

Processing applications:	common used Industrial X-Ray films
Film thickness:	min. 0,10 mm
Material width:	min. 6 cm (2.36") - max. 36 cm (14")
Material length:	min. 10 cm (4")
processing capacity	13cm/min @ 100 sec DevTime

Time in Developer:	min.**30** sec	max. **150** sec
Intake Speed:	38 cm/min	8 cm/min
Cycle Time:	2,7 min (162 sec)	13,6 min (816 sec)
	(see the table on one of the next page)	

INDX 900e

Tank capacity -	Developer:	2,6 L
	Fixer:	2,5 L
	Wash water:	3 L

Solution heating(Fix and DEV):	variable in a range of 18°C - 43°C (350W Inline Heater)
Dryer:	warm air
Replenishment:	fully automatic. 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 avaliable on request)
water supply:	2-way magnetic 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:	3 - 10 bar
Wash water supply:	filtered at a temperature of 10°C - 15°C

INDX 900e

<u>Weight:</u>	Empty	58	kg
	With solution	66	kg

Technical specification subject to change without notice.

Transport system INDX 900e :

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INDX 900e

DRY

DEV   FIX   WASH

removable & rinsed cross over

removable & rinsed cross over

DEV   FIX   WASH
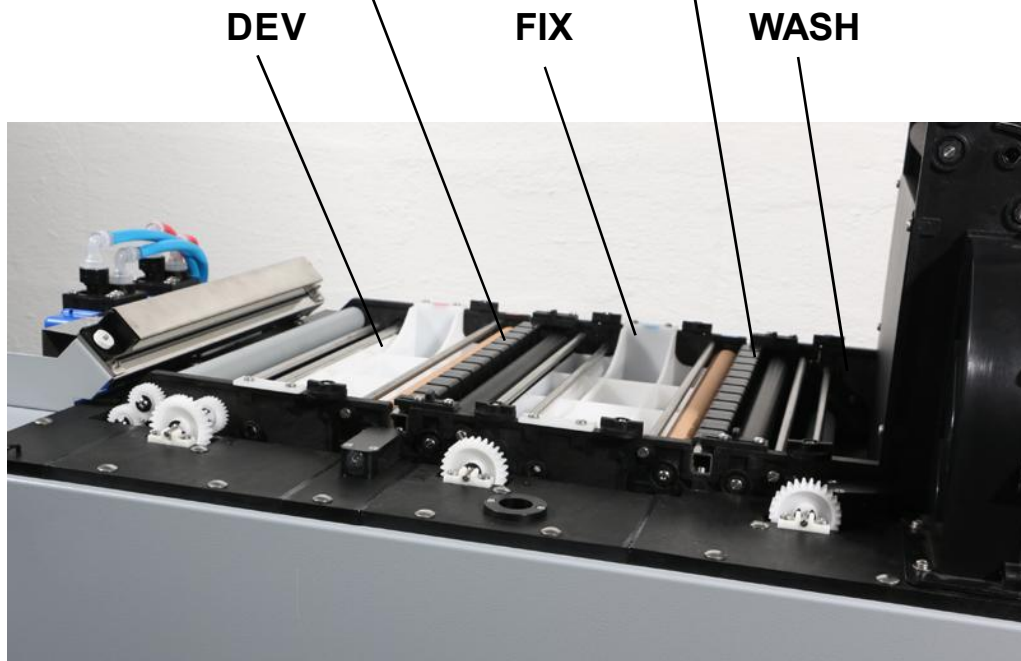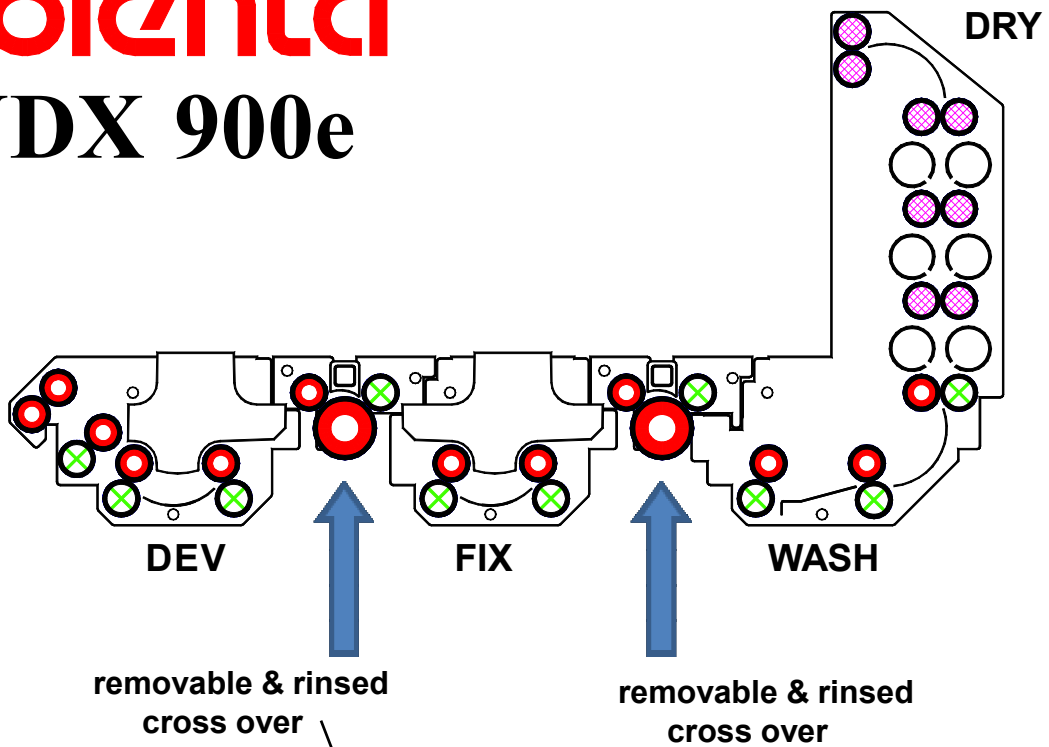
INPUT SPEED / DEV-TIME / CYCLE-TIME:

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INDX 900e
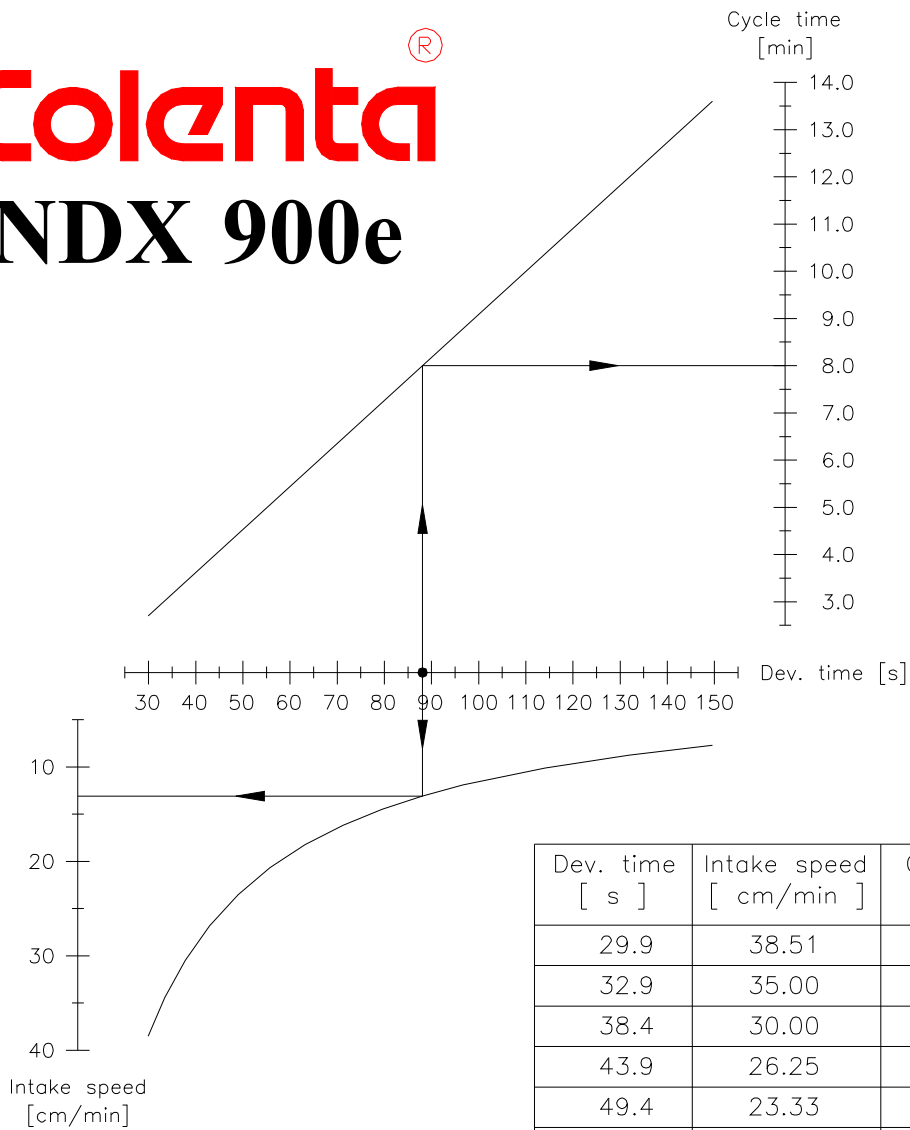
Dev. time [s]	Intake speed [cm/min]	Cycle time [min]
29.9	38.51	2.7
32.9	35.00	3.0
38.4	30.00	3.5
43.9	26.25	4.0
49.4	23.33	4.5
54.9	21.00	5.0
60.3	19.09	5.5
65.8	17.50	6.0
71.3	16.15	6.5
76.8	15.00	7.0
82.3	14.00	7.5
87.8	13.13	8.0
93.3	12.35	8.5
98.7	11.67	9.0
104.2	11.05	9.5
109.7	10.50	10.0
120.7	9.55	11.0
131.7	8.75	12.0
142.6	8.08	13.0
149.6	7.70	13.6

DIMENSIONS OF COLENTA INDX 900e:

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1030mm

1018mm

520mm

1012mm

919mm

639mm
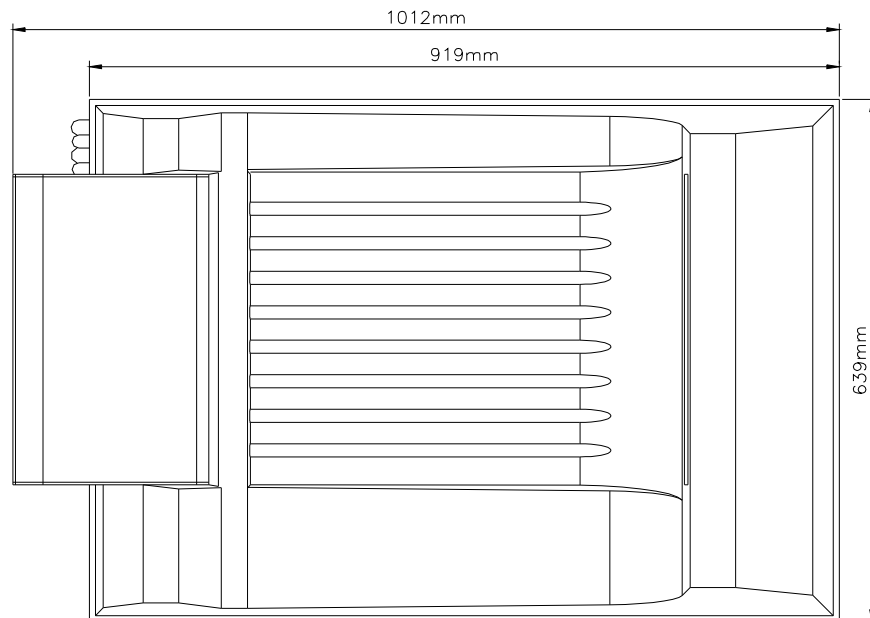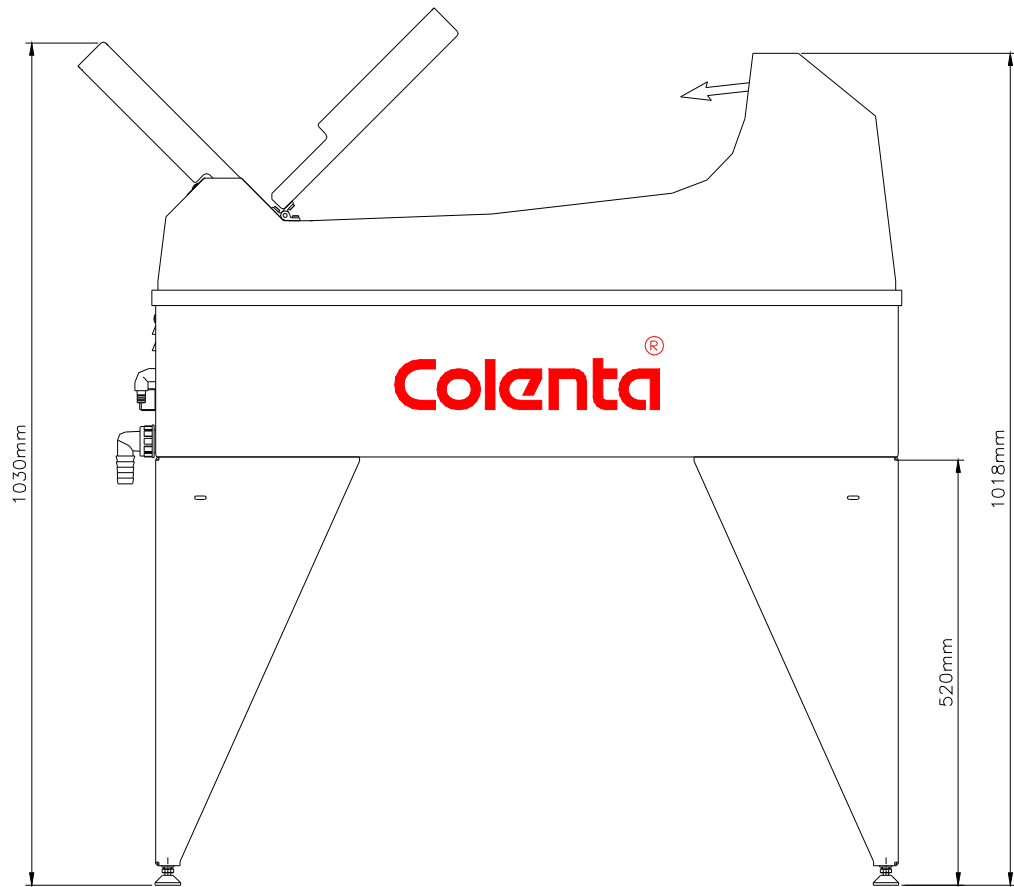
power supply: INDX 900e

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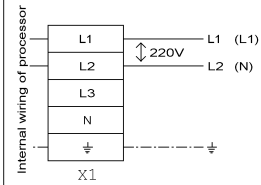

main switch

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

Internal wiring of processor	L1		L1 (L1)
	L2	220V	L2 (N)
	L3		
	N		
	⏚		⏚
	X1		

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

export packing: INDX 900e

packing dimensions:	1 carton box on palette
packing volume: weight with packing:	120cm x 80cm x 80cm (L x W x H) 0,768 m³ 80 kg