

data sheet



Colenta

INDX 43 / 5MW

NDT - Filmprocessor



**NDT Film Processors type: Colenta[®] INDX 43/5MW
processing capacity 34cm/min @ 100 sec DevTime**

To be used to process all common used NDT Films.

10/2019 AN

NDT - Filmprocessor

Technical Specifications

Processing applications:	Rolls/Cut sheets of industrial x-ray films
processing capacity	34cm/min @ 100 sec DevTime
Film thickness:	0,10mm (4mil) - 0,18mm (7mil)
Material width:	min. 7,5 cm max. 43cm
Material length:	min. 10 cm

Capacities	Time in Developer [sec]	Cycle Time (dry to dry) [min]	Intake speed [cm/min]
INDX 43/5MW	30	2' 08"	115,4
	165	11' 45"	21

additional, see production graph on next page

	INDX 43/5MW
Tank capacity - Developer:	11L (incl. DEV-Filter)
Fixer:	10L
Wash water:	10L
Solution heating(Fix and DEV):	adjustable in a range of 18°C - 43°C (separate inline 350W/550W heaters)
Dryer:	warm air - adjustable in a range of 18°C - 55°C
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 adjustable.
Wash water distribution:	built in 2 -way magnetic valve
Wash water flow rate:	1,5 -2 ltr/min when film is processed
Wash water supply pressure:	3 - 10 bar
Wash water supply:	filtered at a temperature of 10°C - 25°C with 3/4" hose connection
Wash water drain:	32mm (5/4inch) hose or tube
	INDX 43/5MW
<u>Weight:</u> Empty	150 kg
With solution	180 kg

1) Automatic Cooling: The processor electronics will automatically detect over temperature developer conditions and then activate a cold water cooling system. The temperature of the incoming cold water supply should be between 7 - 15 C in order for the system to operate efficiently. If not available and in cases where the processor is required to operate in warm ambient conditions a chiller system should be used on the developer tank solution. A chiller unit is available as an optional accessory from Colenta for either self installation or factory fitted if ordered with the processor.

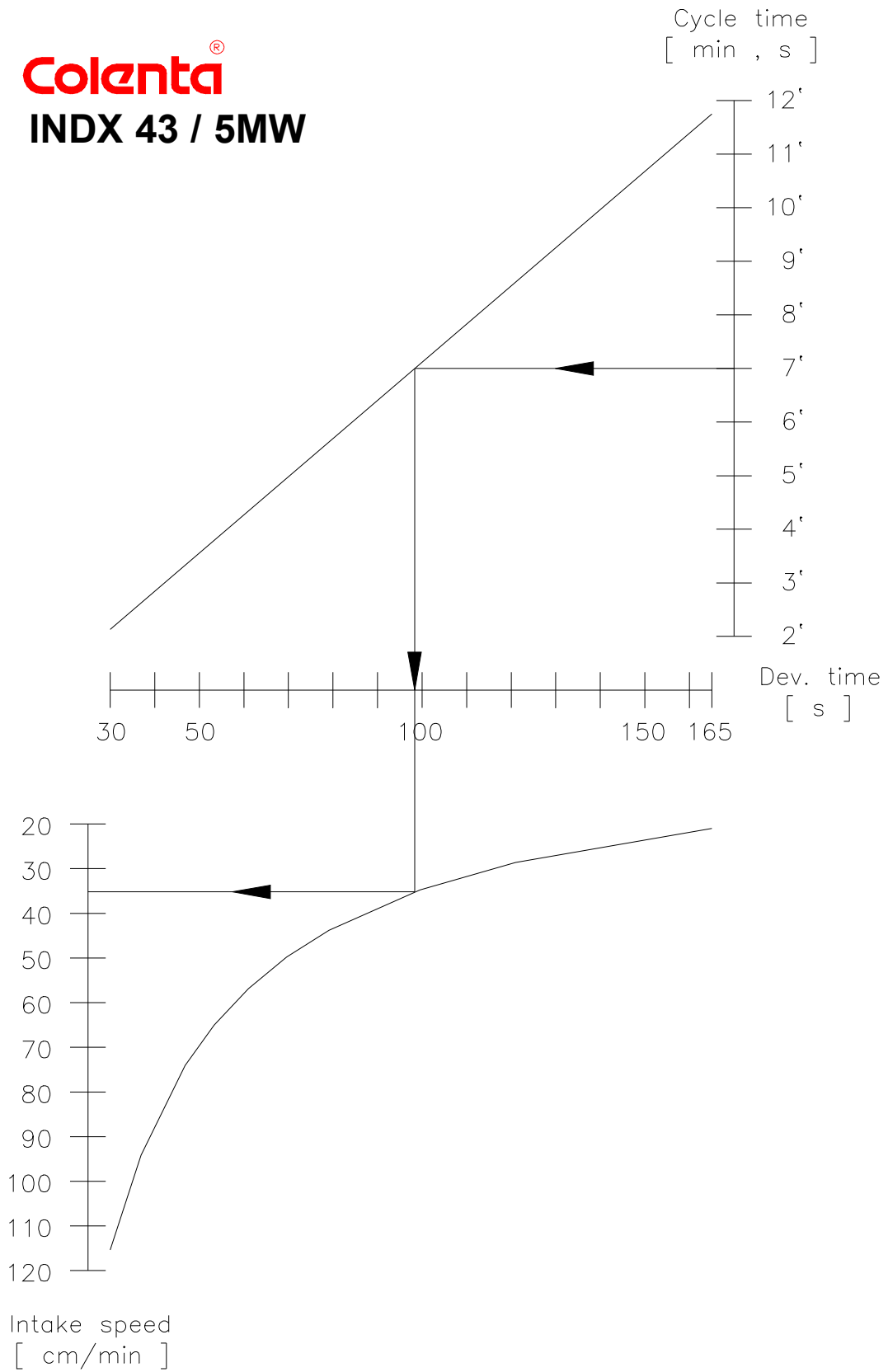
2) Processor ventilation: The Processor is supplied with an exhaust port located at the feed end of the processor. During installation this port must be connected to an external ventilation system provided at the installation site (sufficient power to ventilate the warm exhaust air away and out of the processing area).

Where the processor is installed in a „through wall“ location whereby an auto feeder or feed table is positioned in a darkroom and the main body of the processor is in daylight, it is important that the darkroom is pressurised to ensure a positive airflow from feed to dryer thus avoiding condensation related problems.

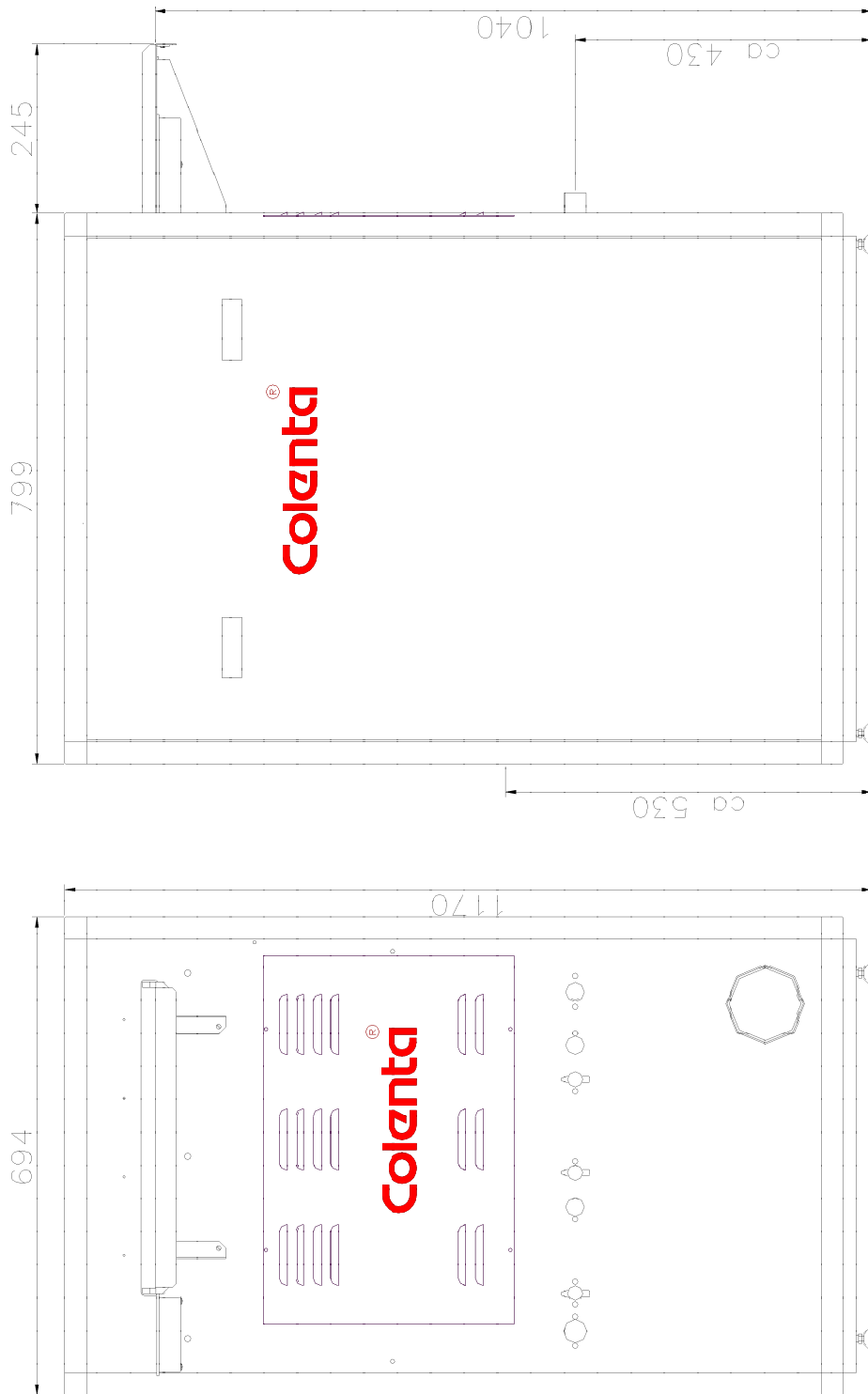
Technical specification subject to change without notice.

Input speed / DEV-time / Cycle-time:

Colenta[®]
INDX 43 / 5MW

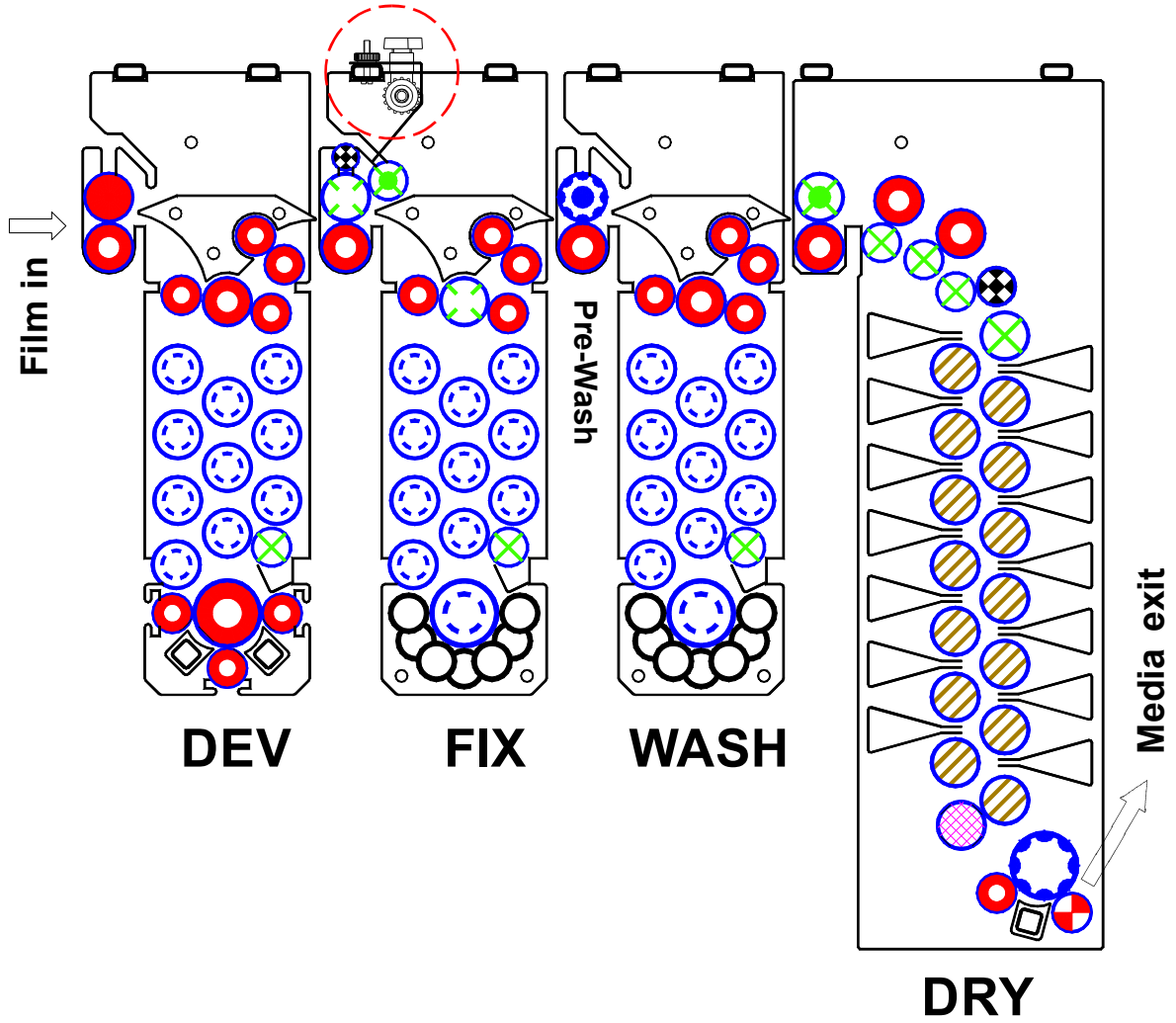


Dimensions [mm]: Colenta[®] INDX 43 / 5MW



Transport system: Colenta[®] INDX 43 / 5MW

Anti run-back system
with fixer.

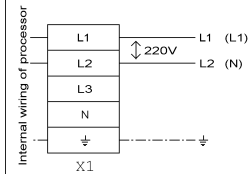


Electrical supply : **Colenta[®] INDX 43 / 5MW**

230V~ 50/60Hz

**INDX 43 / 5MW 3,5 kW
16 A**

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.

Details for shipment: **Colenta[®] INDX 43 / 5MW**

**packing dimensions: 1 carton box on palette
170cm x 111cm x 140cm (L x W x H)**

packing volume: 2,64 m³

weight with packing: 250 kg