

Colenta[®] INDX 37 NDT Dryer

Automatic NDT Industrial X-Ray Film Dryer

AUTOMATION FOR YOUR MANUAL FILM DEVELOPING NEEDS.
The affordable, compact and easy to use wash and drying solution for the varied and specialised manual developing applications.



Features:

- # Low noise, Warm air drying incl over-temp protection
- # Low Maintenance precision gear drive - no worm drive used
- # Staggered „minimum contact“ roller system ensures safe, clean and dry x-ray film production.
- # Lightweight and compact for easy handling
- # Low power requirements, low operating costs.
- # easy to use water supply bottle

For all common used NDT X-Ray Films.

Especially designed for the use in mobile darkroom installation (containers, trucks,...)



Electr. Power Supply:
230V, 50/60 Hz, 1100W



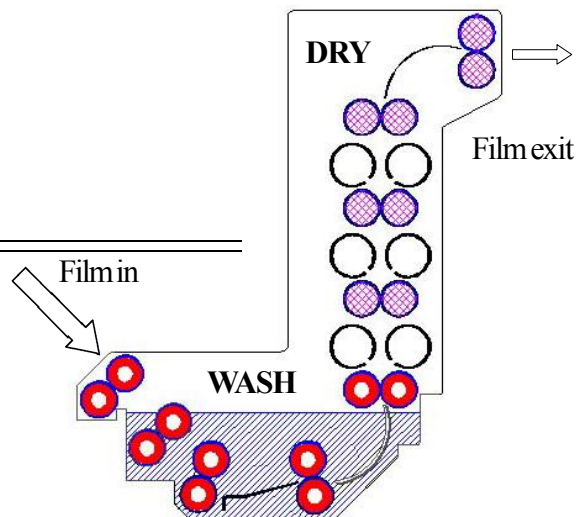
Technical Specifications:

max film width:	36cm/14inch
min film length:	10cm/4inch
Tankbody PA:	Wash 3,4 Litre
Dryer Temperature:	approx 50°C
Water replenishment:	automatic bottle feed #

Capacity at cycle time	in-feed speed
from: 212 sec.	15 cm/min
to: 70 sec.	45 cm/min

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The Colentz INDX Film Dryer has been designed to dry manually processed film within differing ambient conditions with a range of production speeds available to the operator.

The following graph displays the range of speed options and confirms the speed setting for each. Under normal ambient conditions and processing wide format film sizes we would suggest an operating speed setting of 15-20cm per minute – faster speed options can be used for the smaller size formats subject to good ambient conditions in the working area with sufficient air changes per hour and controlled humidity and temperature.

speed cm/min	dry to dry sec
15	320
20	231
25	207
30	145
35	132
40	120
45	108

In keeping with general health and safety requirements, the working area for the dryer should be well ventilated with an adequate supply of fresh air.

Most importantly before loading film into a dryer, the film entering the dryer **MUST BE** processed correctly with each film fixed and washed to the required times (3-6 mins in fixer and 10-30 mins washing in fresh running water) to ensure good drying performance.

The use of a fresh wetting agent / Photo-Flow in the pre-dryer „wetting“ bath and replenishment bottle is important to ensure even and clean drying results. The wetting agent should be mixed fresh on a daily operating basis and the contents of the wetting tank replaced and cleaned on a regular basis. A biocide anti algae agent should be used daily to prevent any algae growth on the rollers. The film entry and exit guide trays should be wipe cleaned with a clean damp soft cloth before and after daily use.

The film transport rack should be removed weekly and all rollers/guides in the lower „wet“ section cleaned with a cleaning agent such as Colenta Easy Clean GENERAL – all rollers positioned above the level in the wetting batch can be cleaned with a soft cloth and warm water. During the cleaning procedure all rollers, gears and guides should be visually and mechanically checked to ensure all are in good working order.

We would recommend to use a suitable roller transport cleaning film daily before normal production is loaded into the dryer on start up and before using the dryer after long periods of inactivity.

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