

# Colenta NDT Range 12/2020



**Industrial Radiography (NDT)** is a very important market for **Colenta** for which we produce a comprehensive range of Film Developing equipment and related accessories used to develop exposed X-Ray film used to inspect the production quality and safety within metal fabrications from basic welding applications to sophisticated castings used in the nuclear and aeronautical industries.

Our NDT product range is sold world wide under our INDX brand name as well by OEM partners under their private label and has an established reputation for reliability and high quality performance, fully supported from our factory headquarters in Austria.



Each and every product is manufactured under ISO 9001 standards and with CE certification and all undergo strict quality control procedures before delivery.

A comprehensive range of documentation is supplied with each product to technically assist and explain how our products are to be installed and operated and we also provide technical training schools at our factory in Austria whenever required.

Technical enquiries and spare parts orders are handled efficiently and effectively within the day of receipt, our customer support team ensures that when questions are asked answers are given quickly to minimise any inconvenience.

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## COLENTA 37 NDT dryer

For Drying manually processed film. Film is passed through a wetting agent (with auto top-up) before entering a warm air dryer, with variable speed control and 2 dryer heat options. These two features combine to provide good drying results and allow the dryer to perform well in the many varied environmental conditions around the world.

## COLENTA INDX900e

This is a conventional table top darkroom processor with a production speed of 13 cm/min. at a standard processing cycle of 8 minutes. It is a fully automatic „dry to dry“ system in a modern design with small dimensions and a light weight, ideally suited for customers wanting a fully automatic processor for low capacity and varied production needs at an affordable price that provides a consistent high quality processed film with totally reliability.



## COLENTA INDX 37 NDT Mobile

Our INDX 37-NDT **Mobile** that provides a customer with a self contained film processing facility that can be installed inside a truck body or container and moved efficiently from location to location as required. The system is configured with all that is required for the automatic processing of industrial x-ray film sizes up to 35cm in width inside a vehicle and with a series of options to meet specific needs that a customer may have based on their typical working sites and conditions. The INDX 37 Mobile unit provides a processing capacity of 13cm/min at 100 sec Developer time.

## COLENTA INDX 43 2.0b

Considered by many as the best NDT medium capacity processor in the market, producing consistent processing quality with the reliability and flexibility required by the medium and higher volume users. Very competitive in production capacity to similar GE models and offering a maximum processing width up to 43 cm. The INDX 43 2.0b operates at a production speed of 24 cm/min at a developer time of 100 seconds.



## COLENTA INDX 43 5MW

is a high speed fully automatic film processor with a production speed of 34 cm/min at an 8 min cycle and provides many practical eco advantages in its design. Productivity and archival quality are key features in the INDX 43-5 design.

## COLENTA INDX 43/55

This model is our highest capacity unit in terms of films per hour and production speed, designed specifically for markets requiring a practical and dependable „work horse“ for customers with a high quantity of film to process daily. The INDX 43/55 unit provides a processing capacity of 55cm/min at 100 sec Developer time.



All INDX Film Processors Include the following accessories within the selling price:

- Replenishment storage tanks – typically 2x30 litres but other sizes are available
- Small user spare parts kit
- Rack Carrier/drip tray

**Colenta**<sup>®</sup>

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## COLENTA FDS - Film Delivery System

The Colenta Automatic Film Delivery System is designed for automatic feeding Industrial X-ray Films automatically into the connected processor. This online film feed system is to be used for **INDX 43 / 5MW** and **INDX 43 / 55** processors.

## COLENTA Mobile Lab Container 16ft / 20ft

Each container can be adapted for both analogue and digital inspection requirements with the equipment and services to meet precise customer requirements. The mobility and safety features within the design ensure ease of movement to a working location anywhere in the world.



## COLENTA chemical mixing, transfer & storage console.

Available in 2x40 or 2x80 litre format - is a device able to make three different uses : mixing accurately the concentrate chemicals with water, transferring the DEV and FIX into the tank of the processor, acting also as Replenishment tank.



**COLENTA water panel assy**, incl filter, flow meter, thermometer and pressure gauge. Supporting 2 outlets, one used for wash/cooling water to the processor and one for use during service, cleaning and chemical mixing procedures.

## COLENTA chiller ( external or internal )

All film processors within our INDX range have the option to operate with a cold water cooling system or can connect to an internal or external Chiller system, dependant on the model of processor, when there is no available cold water supply to provide efficient cooling for the processor. The CHILLER system(s) we offer ensures that both the developer and fixer solutions within the processor tanks are maintained to precise temperature and must be considered when there are no air conditioned rooms and no cold water available in the working area.



## COLENTA silver recovery system Silverfit 40

An automated Silver Recovery system that connects directly to the fixer waste overflow from the processor tank and recovers the silver content precisely and in a very controlled way. Customers not having or wanting to connect the SilverFit 40 as a direct interface with their Colenta processor can of course use the recovery system as a „standalone“ facility within their working lab to collect silver from fixer waste as required.

## COLENTA filmguides for sheet and/or rollfilm

We also offer easily interchangeable SHEET FILM GUIDES that ensure a straight loading facility for customers loading the smaller width film sizes side by side (10X24, 6X48, etc) to maximise production capacity and avoiding loading mistakes by the operator. FILM GUIDES are also available for the longer length roll film. These guides can be Installed on the standard feeding film tray in seconds and removed in seconds



## COLENTA Easy Clean cleaning products

Specially formulated cleaning and algae control solutions for Roller Transport processors to keep the racks and tanks in clean condition.

