

Company Presentation

Colenta Labortechnik GmbH & Co KG

Austria

Colenta is specialised in the design, manufacture and marketing of a comprehensive range of automatic processing systems for **photographic, medical/industrial X-Ray and graphic /printing and PCB** applications to meet a customers precise needs and requirements.

Over 90 worldwide dealerships offering marketing and after-sales support on the wide range of products available from COLENTA. Over 120 people are employed throughout all the group divisions.

The COLENTA GROUP consists of:



COLENTA LABORTECHNIK GmbH & CO., KG.,
based at the corporate headquarters in Austria.



ART COLENTA LTD. Sofia, Bulgaria.

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Colenta is specialized in the design, manufacture and marketing a comprehensive range of automatic processing systems for **photographic, medical/industrial X-Ray and graphic /printing** applications to meet our customer precise needs.

Colenta is considered to be the world leader in processor manufacture, offering a choice of over 80 models, each produced to comply to specific production requirements and applications. Our processors are available in both online and offline options and incorporate a unique roller transport technology which provides a safe and reliable transfer for sensitized **Plates, Films and Papers** passing through a series of chemical, washing, and drying stages to produce consistent high-quality results.

The transport modules are manufactured using only non-corrosive “long life “- components and the staggered roller design, with intermediate transfer stages, allow sensitized materials to pass through without excessive pressures being applied. Also, by having a submerged transport system there are no dirt or crystallization related problems with the minimal amount of daily maintenance required. The intermediate transfer stage incorporates a fresh water rinse and squeegee that cleans the sensitized materials throughout each processing stage and reduces carry over contamination to minimum resulting in lower replenishment usage, stable process control and consistent clean results.

The transport modules and tanks are designed to reduce chemical oxidation to an absolute minimum. This together with our accurate replenishment, temperature control and constant circulation ensures all processing parameters are maintained within pre-set programmable limits.



All **Colenta** Transport systems are equipped with computerized microprocessor control with visual and audible displays that inform and warn. Automatic replenishment is a key feature in all models - material entering the processor is electronically monitored and accurately measured to provide precise replenishment rates for the type and size of material in use.

Colenta products are quality controlled through each stage of manufacture with a final „wet-test“ over a 48 hours period before shipment. All quality control procedures are to ISO 9000 standards to guarantee years of reliable service.

Colenta produce ONLINE PROCESSING SYSTEMS which interface directly to most makes of the Plate and Film exposure engine currently available in the PCB (Printed Circuit Board Industry). The same technology is also incorporated into our Digital RA4 Photo Processing systems and is made available to manufacturers of Digital Exposure devices world-wide for online interface options with their equipment. Several projects have resulted in our processors being used for this purpose and we remain open for future new projects as the opportunity arises.

For Medical and Industrial X-RAY applications we manufacture and provide a comprehensive range of film processing equipment and related consumable products which support the day today production requirements of radiology departments and specialized x-ray facilities. We support a specialized manufacturing centre within the group to produce the majority of components used in the manufacture of all the products. This allows total quality control through each stage of production. Final testing and quality control is carried out at our main production facility in Austria. Austria being the specialized production facility for PCB, photographic (to include specialized processors for Aerial, Speed Camera, Holography plus more) and for medical/industrial X-Ray products and the specialized production facility.

Labortechnik AUSTRIA

- *Headquarter / Management / Controlling*
- *R&D design Center*
- Quality Control - QC
- Technical Support
- Logistic & export
- Spare Parts supply



ACB - Art Colenta Bulgaria - Sofia

- Production centre
- Design / CAD
- Marketing activities in
fomer eastern block countries





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Color Processing Equipment

- RA4 paper and display film media
- Film processor for C41, E6 and B/W
- Aerial film applications



Medical X-Ray

- X-Ray Processor and accessories
- Consumables & Darkroom accessories
- CR / DR Retrofit Kits and Dry Printers & Films



PCB Industry

- Film Processor and accessories



NDT Industry

- Film Processor and accessories



Colenta provide a full range of photographic processor options, for RA4 Paper and Display Film plus a range of Film Processors for C41, E6, B/W and Aerial Film .



Colenta manufacture a comprehensive range of film processors totally dedicated to the production of Printed Circuit Boards in both offline and online format that interface directly with most models of Photo Plotter currently used in the PCB industry.

The Colenta PCB film processors are well established with a proven reputation for quality production, reliable performance and long life operation.



Colenta provide a full range of processor options, including several features, for processing NDT films. Their robust design, build quality and low maintenance requirements make them to an ideal choice for use in this very specialized marked.



Colenta has a world-wide reputation as the Professional Processor Manufacturer, producing equipment and systems for the developing of sensitized film and papers. Our Mediphot x-ray products are designed for the automatic developing of x-ray images and include a comprehensive range of x-ray film, chemistry, consumables and support items to meet a wide range of x-ray department requirements and applications.



- A comprehensive range of automatic X-ray film processor options.
- A comprehensive range of medical x-ray films, processing and cleaning chemistry
- A comprehensive range of darkroom accessories like protection apparel, (grid)cassettes, intensifying screens, daylight loading and ID camera systems, film viewers, darkroom lamps

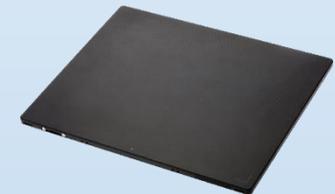
Colenta provides a range of **CR** and **DR Retrofit Kits** including Readers, Consoles, Softwares, Cassettes, Imaging Plates, etc. in various configurations. A comprehensive range of DICOM Dry Laser Printers and Dry Laser Films is available as well often provided in packages.



Image Acquisition and Processing by the
COLENTA DX EASY IMAGING SOFTWARE



The today best technology: WiFi,
AED, Csl, 14x17 inch., 17x17 inch



Thank you!