QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

Colenta, over the past 10 years have established a range of film processors which are highly endorsed by the film plotter and film producing companies for use with their products to ensure the exposed films are developed to the high standards, essential for the production of precision PCB boards and chemical etching industries.

The film transport system used in our PCB processor range is both suitable and well proven for manual and also auto loading when the processor is placed online to a film plotter and is designed with a system of soft contact rollers to ensure the emulsion coating of the film is protected at all times.

PCB products

The standard PCB processor range is promoted under the NG and NGs labels, the NGs being a special order unit configured to a faster production speed from the standard NG version. WideTrack processor options are available (up to 200cm processing width) to support the wide format applications.

All Colenta PCB Film Processing Equipment is proven to reliably handle all PCB films supplied from all major film manufacturers

AGFA   Agfa   FUJIFILM   Kodak

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Range of PCB Processor available:

The Colenta NG - PCB Film Processor is a fully automatic "dry to dry" processing system designed to provide consistent high quality film production for the range of PCB films commonly used in the industry. The processor design incorporates a non opposed, submersed roller transport system with minimal contact to the film emulsion and with intermediate wash water crossovers that safely transfer the film between each stage of processing before delivery onto a flat receiving tray located at the exit of the dryer.

The NG Processor is available in **56, 66, 80, 95 and 110cm process widths.**
Available in **NG** and **NGs** formats that offer a choice of production speeds :-
    NG: 82cm / min processing capacity @ 30 sec DevTime
    NGs: 115cm / min processing capacity @ 30 sec DevTime
In Offline (manual loading table) or online format (auto loading) to support all major PCB Film Plotters available on the market.

The Colenta WideTrack PCB Processor range, offering **140, 160 and 200cm processing width**.
Processing capacity: **80cm / min** processing capacity **@ 40 sec DevTime.**
Again available to support all major PCB Film Plotters used in the market.

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accessories:

COLENTA MC Chemical mixing, transfer & storage console

The **MC** is a multi purpose semi automatic device for accurately mixing chemical concentrates with water, for transferring mixed chemistry into the processor tanks tank and to store replenishment solutions that connect directly to the processor replenishment pumps without the need for additional storage tanks.

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 silver recovery system Silverfit 40

An automated system used to recover silver from the waste Fixer solution before disposal or re-use, suitable for NDT, PCB and Medical Imaging applications.

COLENTA chiller (external or internal)

All film processors within our PCB 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 Easy Clean cleaning products

A Specialised range of liquids designed to help operators keep their processor clean and in good operating condition.

COLENTA PC monitoring software, when installed onto a PC, will allow the processor status and working parameters to be monitored remotely

optional 2 position mixing console

a rack drip tray is incl
with any processor.

optional external chiller

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