After 40 years of delivering high-end film processors to the PCB industry, Echo Graphic is proud to present our first product designed specifically to meet the quality requirements in the industry of Non-Destructive Testing (NDT).

Echo Graphic is manufacturing all products in our own facility in Denmark. This allows us to have development engineers close to the production, and thereby always be at the forefront of new technologies.

Our products are available through a worldwide network of professional resellers. The short distance between our partners and customers is a key
EG430NDT – technical specifications

INTRODUCTION
The EG430NDT film processor is configured for optimum handling of films in the NDT industry.

EASY MAINTENANCE
The processor is easy to maintain. The easy access for regular cleaning ensures a long lifespan and trouble-free functioning of the processor. To ease the maintenance of the processor, accessories such as rack hoist and floor drip tray can be ordered separately.

WORKING ENVIRONMENT
The clean design and low noise level fit into today’s modern working environment. The processor is supplied with an effective exhaust fan for removal of chemical fumes from the conveyor, processor and installation site.

Specifications
- Inlet width: 43 cm / 17”
- Material with min. / max. film length: 5 - 43 cm / 2" – 17" / 12 - 500 cm / 5 -196”
- Tank capacity Dev. / Fix / Wash: 25 l / 6.6 US gal.
- Rack length dev.: 36 cm / 14”
- Standard processing cycle min.- max.: 2 - 12 min
- Speed at 100 sec. dev. immersion time: 22 cm/min / 8.7”/min
- Capacity 35x43cm film: 34 sheets / hour

Parameter settings
- Dev./fix./wash temperature range: 20 - 45°C / 68 - 113°F
- Dry temperature range: 25 - 65 °C /77 - 149°F
- Exhaust blower: Built in
- Circulation rate dev., fix.: 10 l/min. / 2.1 US gal
- Replenishment rate dev / fix: 0 - 2000 ml/m2
- Water consumption Max (operate): 0-10 l/m2 / 0-2.1 US gal/m2

Consumption, emissions
- Max. power consumption: 2,450 VA
- Operate, average power consumption: 2,100 W
- Power save (Idle), average power consumption: 600 W
- Night mode, average power consumption: 450 W
- Emission of heat to room (operate): 2,400W

Connections
- Exhaust connection: Ø 10 cm/4”
- Water connection: 3/4” pipe thread
- Drain connection: 3 x 1” hose nipple
- Replenishment containers: Dev./fix. 30/8 US gal.

Power supply
- 1/N/PE ~ 230V, 50/60 HZ: 1 x 13 amp

Dimensions (incl. receiving tray and feed tray)
- Length total: 181 cm / 71”
- Length on floor: 98cm / 38.5”
- Width: 77cm / 30.3.1”
- Height: 110 cm / 43.3”

The all metallic structural parts and stainless steel tanks will never get any cracks, even under harsh mobile conditions.

The automatic refilling system for the processing tanks becomes handy after relocation in a mobile environment.

Cascade fixer replenishing unit that reduces silver waste in water tank available on request.

The double overflow in each side prevents spills and splashes in mobile applications.

The wide input range of the switch mode Power supply guarantee stable operation when operated from a mobile generator.

The Creep speed system keeps the rollers clean and ready for use during standby-mode. The processor can store up to 6 user-defined programs.

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