

Evo 3A



Evo3 All in One

The Evo3 A It is the first unit of its kind and size equipped with a separate pre-wash section for digital plates with black (LAMS) layer. The 3A is a single pass, in line processor.

EXPOSURE SECTION

- New water circulation cooling bed system
- Uniform and constant temperature without any exposure time limit
- Vacuum system for analogic plates exposure
- Probe for temperature control
- High concentration of UVA lamps to reach an emission of about 30mw/cm²
- Light integrator
- Lamps air flow cooling system with temperature control
- Optical fibers lamp control



- Constant solvent temperature thanks to water circulation serpentine

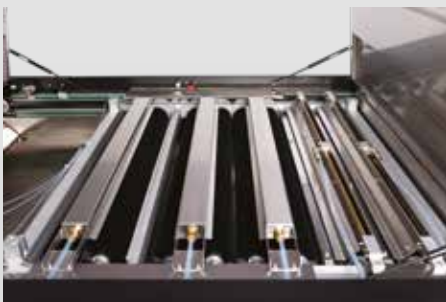
DRYER SECTION

- 4 sealed drawers to prevent any leak of fumes
- Drying temperature reached in a very reduced time thanks to the new hot air generation and circulation system
- Automatic pre-heat system
- Automatic switch off option
- Optimal T° uniformity thanks to 2 separate T° controls interfaces
- New air suction sytem design to ensure a faster plate drying



WASHOUT SECTION

- Tilting plate support for user friendly plate loading and unloading
- Digital washout with separate pre-wash section to prevent contamination of the main washout solvent with black layer
- In-line washout system with front plate entrance and exit
- The new washout system, with brushes' double movement, allows an extremely fast washout time (from 5 to 10 min. depending on plates thickness)
- Servodrive motor advance system to enable a constant and repeatable washout speed
- Higher precision solid content analyzer due to new volumetric pump and sensitive pressure sensor allow a precise % polymer control
- Automatic solvent replenishment system
- Fresh solvent consumption control over the machine life cycle and programmable over a time frame
- Fresh solvent flow regulation option on the touch screen



LIGHT FINISHING SECTION

- Auto combined UVA-UVC post exposure (simultaneous/ consecutive/ delayed)
- Air flow cooling system
- Optical fibers lamps control




OTHER FEATURES

- Programmable automatic solvent and dryer warmup
- Automatic standby after the last plate processed
- Remote access (optional)
- Active component visualisation during the process
- Manual function to run the components separately
- Memorisation of the plate process parameters (up to 24 channels)





Dimensions LxWxH

 3000 x 2088 x 1190 (panel 285) mm
118 x 82.2 x 47 (panel 11.2) inches

Power supply




 400V 3PH/N/PE 50/60Hz 11kW 17A
230V 3PH/PE 50/60Hz 11kW 29.5A


Plate thickness

 Up to 7 mm / 0.276 inch

Solvent

 min solvent volume for operation: 90 lts
max solvent volume for operation: 150 lts
max tank volume: x 160 lts
solvent in & out pipes: 2 x 16 mm Ø

Packaging dimensions

 3280 x 2220 x 1590 mm | 1.800 Kg

Weight

1440 kg | 3168 pounds



Maximum plate size

90 x 120 cm | 36 x 48 inches



Compressed air supply

min. 7 bar



Exhaust

1 x 100 mm Ø - 200m³/h
1 x 140 mm Ø - 600m³/h



Remote monitoring

Optional



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