

Evo 3 A (/products/evo3)

Print

The EVO 3A is the bigger size of the »all-in-one« unit: 90 x 120 mm (36" x 42"). It is as well equipped with a separate pre-wash section for digital plates with black (LAMS) layer running like a flowline (prewash/wash/cleaning/wiping).

SECTIONS MAIN FEATURES:

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



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 repetible 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
- 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 system design to ensure a faster plate drying



LIGHT FINISHING SECTION:

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



OTHER FEATURES:

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



Dimensions (closed) WxLxH
3000 x 2070 x 1190 mm (118 x 81.5 x 47 in)
Height • Operator Panel 285 mm (11.2 in)



Packaging
3260 x 2280 x 1900 mm
650 kg



Weight
1350 kg / 2976 pounds



Power supply
400V 3PH/N/PE 50/60Hz 11kW 17A
230V 3PH/PE 50/60Hz 11kW 30A



Maximum plate size
92 x 120 cm | 36 x 48 inches



Plate thickness
Up to 7 mm / 0.276 inch



Compressed air supply
min. 6 bar

