



Evo2 All in One

The Evo 2A is the first project delivered by Vianord. It is an »all-in-one« unit in the size 66 x 86 cm (26" x 34"). It is the first unit of its kind and size which is also equipped with a separate pre-wash section for digital plates with black (LAMS) layer running like a flowline (prewash / wash / cleaning / wiping).

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 lamps control



serpentine

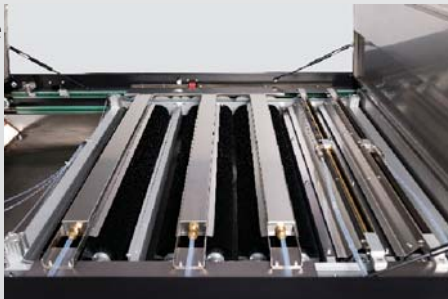
DRYER SECTION

- 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



WASHOUT SECTION

- 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
- 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



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 (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



2500 x 1730 x 1140 (panel 285) mm
98 x 68 x 44.9 (panel 11.2) inches

Power supply



400V 3PH/N/PE 50/60Hz 10kW 16A
230V 3PH/PE 50/60Hz 10kW 28A

Plate thickness



Up to 7 mm / 0.276 inch

Solvent



in & out pipes: 2 x 16 mm Ø
min solvent volume for operation: 60 lts
max solvent volume for operation: 110 lts
max tank volume: 120 lts
solvent in & out pipes: 2 x 16 mm Ø

Packaging dimensions



2780 x 1910 x 1590 mm | 1.270 Kg

Weight

1000 kg | 2205 pounds



Maximum plate size

66 x 86 cm | 26 x 34 inches



Compressed air supply

min. 7 bar



Exhaust

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



Remote monitoring

Optional



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