



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

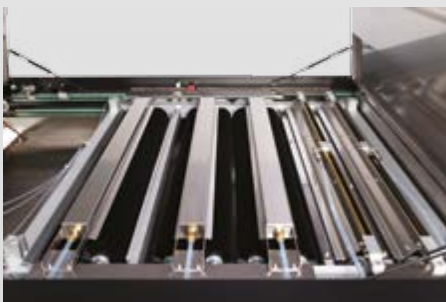
DRYER SECTION

- 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 system 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 2260 x 1580 mm

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 60 mm Ø - 80m³/h 

Packaging gross weights

2090 Kg 



Vianord
engineering
www.vianord.com
info@vianord.com

© 2015 Vianord. All rights reserved. The Vianord Logo®, Easy to Plate® and Evo® are registered trademarks or trademarks of Vianord Engineering SAS or its affiliates. All technical information set out herein is provided free of charge and is based on technical data, which Vianord believes to be reliable. It is intended for use by persons having skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use are outside of our control we make no warranties express or implied in relation thereto and therefore cannot accept any liability in connection with any use of this information. Vianord Engineering SAS reserves the right to change the specifications of its products at any time. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe any patents.