

DuPont™ Cyrel® EVO 3000 EC

Exposure Unit

DuPont™ Cyrel® EVO 3000 EC is an exposure unit, that exposes high quality photopolymer plates up to a format of 1,320 x 2,030 mm (52" x 80").

Exposure Section

- Maximum plate size 1,320 x 2,030 mm (52" x 80")
- Clamshell design with automatic pneumatic lid that contains integral safety switches
- New lamps air cooling system with temperature control
- Optical fibers lamp control
- Temperature control sensor
- Newly designed control display for optional installation on right or left side of the unit
- Lamp pre-heating function
- Userfriendly back exposure test function

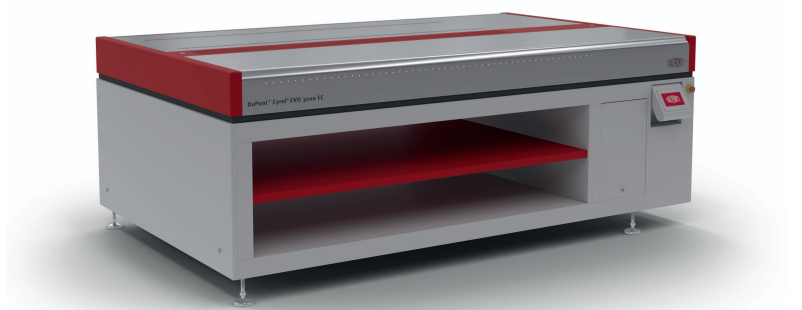
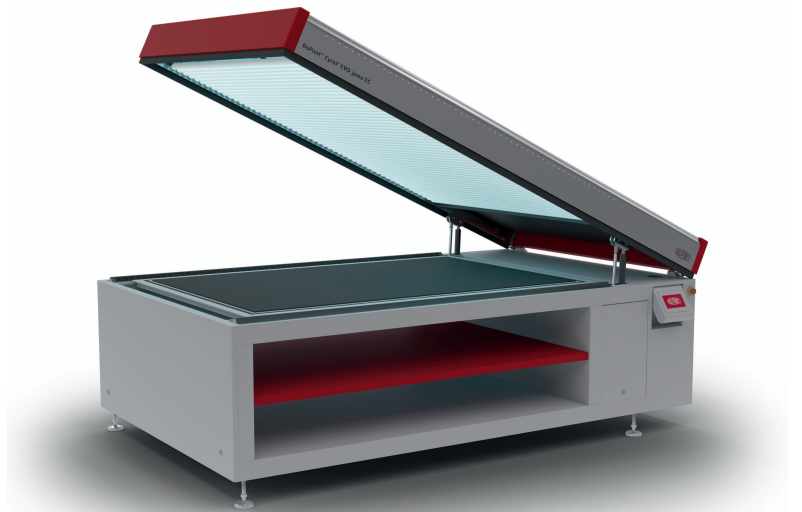
Product Features

DuPont™ Cyrel® EVO 3000 EC exposes high quality photopolymer plates up to a format of 1,320 x 2,030 mm (52" x 80").

The clamshell design holds 52 UV-A fluorescent tubes with built-in reflectors. One yellow control tube illuminates the exposure bed for inspecting of the plate surface. Unique to this exposure unit is the anodised temperature controlled bed, closed loop system that controls the exposure bed temperature, which translates into predictable and consistent exposures.

The unit is fitted with a light integrator that compensates for the decrease in light output as the tubes age. To meet the demanding needs of high quality plates the user can easily customise the 24 basic exposure set-ups.

Each tube is constantly monitored by a photo-sensor. If the light emission of one or more tubes decreases below a set point, the user is alerted. There is a counter imbedded in the PLC to keep track of the number of hours the UV-A tubes have been in operation.



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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® EVO 3000 EC	Cooled exposure, Clam shell
SAP Article Number	D15440109	
Max. Nominal Plate Width	1,320 mm	52 inch
Max. Nominal Plate Length	2,030 mm	80 inch
Plate Thickness	up to 7.0 mm	up to 0.276 inch
UV-A Tubes Wave Length	360 nm – 380 nm	52 tubes, GMC M279762001 CY CNS LAMP, UVA, 100 W, 1.76 M
UV-C Tubes Wave Length	NA	
Electrical (Field Configurable)	400 Volt – 50/60 Hz 230 Volt – 50/60 Hz	3PH/N/PE 7kW 11A 3PH/PE 7kW 17A
Power (Nominal)	10 kW	
Current (Nominal Load)	11 Amp @ 400 Volt; 17 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5G4
Exhaust (Light Finisher)	NA	1000 m3 / h
Environmental Data	Temperature range: 17°C to 28°C (63°F to 82°F)	Relative humidity from 10% to 80% non-condensing
Compressed Air Supply	Min. 7 bar	
Dimensions	Uncrated	Crated
D	3,200 mm (126.0")	3,480 mm (136.9")
W	1,960 mm (77.1")	2,120 mm (83.4")
H	1,060 mm (41.7")	1,490 mm (58.6")
H (open)	2,450 mm (96.5")	
Weight	1,020 kg (2,249 lbs)	Crated: 1,350 kg (2,977 lbs)
Color	DuPont Red and Grey	

The DuPont Advanced Printing portfolio of products includes the DuPont™ Cyrel® brand of photopolymer plates (analog and digital), Cyrel® platemaking equipment, Cyrel® round sleeves and the revolutionary Cyrel® FAST thermal system.



cyrel.eu

For more information on DuPont™ Cyrel® or other DuPont products, please visit our website.

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