

# 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

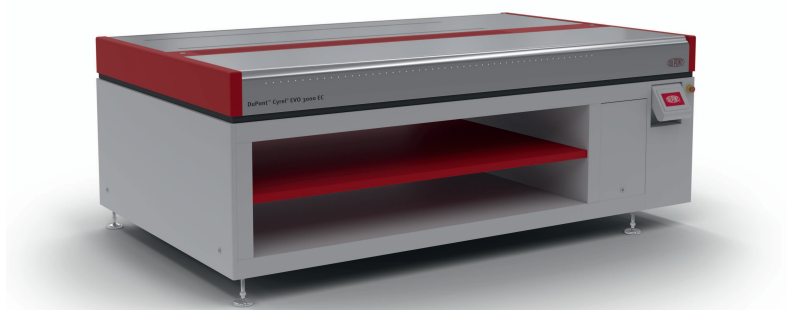
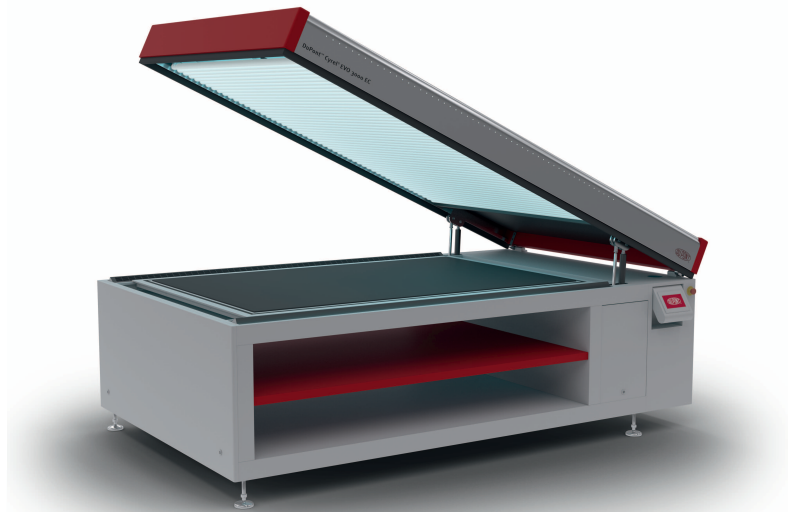
## Product Features

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

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

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