

DuPont™ Cyrel® EVO 3000 EC

Exposure unit



[DuPont Advanced Printing](#) continues to be a global technology leader in the development and supply of flexographic printing systems. Our R&D team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The DuPont Packaging Graphics portfolio of products includes DuPont™ Cyrel® brand photopolymer plates ([analogue and digital](#)), [Cyrel® platemaking equipment](#), [Cyrel® round sleeves](#), Cyrel® plate mounting systems and the revolutionary [Cyrel® FAST thermal system](#).

DuPont™ Cyrel® Systems: Higher quality at high speed.

The DuPont™ Cyrel® EVO 3000 EC is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.

DuPont™ Cyrel® EVO 3000 EC



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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.

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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.

Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® EVO 3000 EC	Cooled exposure, Clam shell
SAP Article Number	D15440109	
Plate Thickness	up to 7.0 mm	up to 0.276 inch
Max. Nominal Plate Width	1,320 mm (52")	
Max. Nominal Plate Length	2,030 mm (80")	
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	
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)
Colour	DuPont Grey & DuPont Red	

www.cyrel.eu

For more information on DuPont™ Cyrel® or other DuPont Advanced Printing products, please contact your local representative.

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