DuPont™ Cyrel® 3000 EC

State-of-the-Art Exposure

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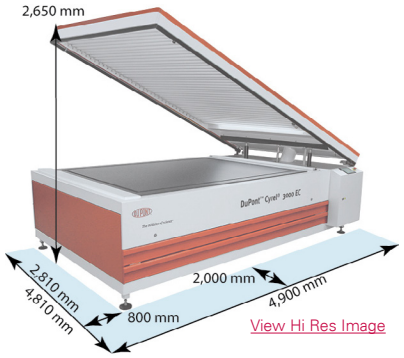
DuPont™ Cyrel® 3000 EC



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DuPont Packaging Graphics 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® 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® 3000 EC

Benefits

- Maximum plate size 1,320 x 2,030 mm (52" x 80")
- Clamshell design
- Anodised temperature controlled exposure bed
- Light integrator controlled exposure
- Outstanding vacuum draw down
- Optimum productivity

Product Features

DuPont™ Cyrel® 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 48 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 25 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® 3000 EC	Cooled exposure, Clam shell
SAP Article Number	D13290547	
Plate Thickness	0.5 mm to 7.0 mm	0.019" to 0.27"
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	48 tubes
UV-C Tubes Wave Length	NA	
Electrical (Field Configurable)	370 / 440 Volt – 50 / 60 hz 208 / 240 Volt – 50 / 60 hz	3Ph / N / PE 3Ph / PE
Power (nominal)	10 kW	
Current (Nominal Load)	16 Amp @ 400 Volt; 27 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5 x 10 mm^2; 4 x 10 mm^2
Exhaust (Light Finisher)	NA	
Environmental Data	Temperature range: 17°C to 28°C (63°F to 82°F)	Relative humidity from 20% to 85% non-condensing
Compressed Air Supply	7 bar minimum	
Dimensions **L** **W** **H** **H - open**	**Uncrated** 2,110 mm (83.1") 3,300 mm (129.9") 2,015 mm (79.4") 2,650 mm (104.3")	**Crated** 2,310 mm (90.6") 3,580 mm (141.0") 2,430 mm (91.0")
Weight	1,860 kg (4,101 lbs)	2,360 kg (5,203 lbs)
Colour	DuPont Grey & DuPont Red	

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please contact your local representative:

www.cyrel.eu

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