

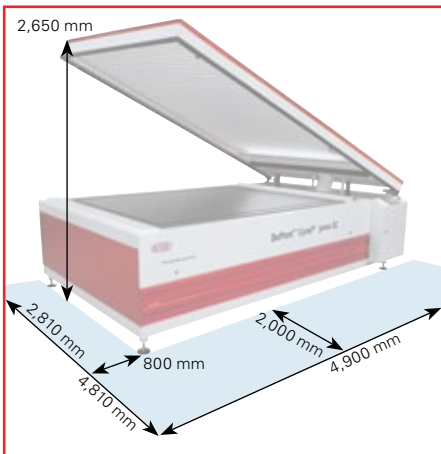
DuPont™ Cyrel® 3000 EC

STATE OF THE ART EXPOSURE

DuPont Packaging Graphics



DuPont™ Cyrel® 3000 EC



Technical Drawing

DuPont Packaging Graphics is a leading supplier serving the package printing markets with DuPont™ Cyrel® flexographic solutions. The Cyrel® systems for analogue and digital applications, which are available for solvent and thermal processing, comprise sheet photopolymer plates, continuous sleeves, plate making and mounting equipment. DuPont's complete range of equipment is Advancing Flexography for over 30 years. The DuPont™ Cyrel® systems are renowned for their unmatched production performance, for toping plate quality and abridge the overall pre-press workflow.

The 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.

Application

- Maximum plate size 1,320 x 2,030 mm
- Clamshell design
- Anodised temperature controlled exposure bed
- Light intergrator controlled exposure
- Outstanding vacuum draw down
- Optimum productivity

Product Features

DuPont™ Cyrel® 3000 EC exposes the highest quality photopolymer plates up to a nominal maximum format of 1,320 x 2,030 mm (52 inch x 80 inch).

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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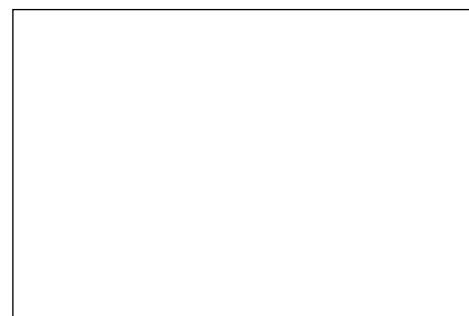
Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 3000 EC	Cooled exposure , Clam shell
SAP Article Number	D13290547	
Packing	Crated	
Max. nominal plate width	1,320 mm – 52 inch	
Max. nominal plate length	2,030 mm – 80 inch	
UV-A tubes wave length	360 nm – 380 nm	48 tubes
UV-C tubes wave length	NA	
Electrical (field configurable)	370 / 440 Volt – 50 / 60hz * 208 / 240 Volt – 50 / 60hz**	3Ph / N / PE* 3Ph / PE**
Power (nominal)	10 kW	
Current (nominal load)	16 Amp @ 400 Volt* 27 Amp @ 230 Volt**	* Connecting wires 5x 10 mm ² for 400 Volt configuration. ** Connecting wires 4x 10 mm ² for 230 Volt configuration.
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	
Dimension L	2,110 mm – 83.1 inch (un-crated)	2,310 mm – 90.6 inch (crated)
W	3,300 mm – 129.9 inch (un-crated)	3,580 mm – 141.0 inch (crated)
H	2,015 mm – 79.4 inch (un-crated)	2,430 mm – 91.0 inch (crated)
H – open	2,650 mm – 104.3 inch (open)	
Weight	1,860 kg – 4.101 lbs (un-crated)	2,360 kg – 5.203 lbs (crated)
Colour	DuPont Grey & DuPont Red	

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To learn more, visit www.cyrel.co.uk
 or contact your Cyrel® specialist



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“Advancing Flexography”