

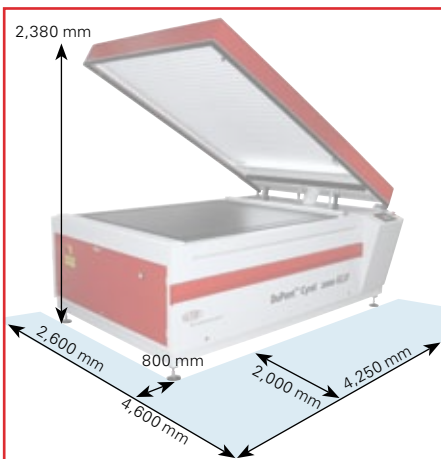
DuPont™ Cyrel® 2000 ECLF

STATE OF THE ART EXPOSURE & LIGHT FINISHER

DuPont Packaging Graphics



DuPont™ Cyrel® 2000 ECLF



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® 2000 ECLF 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 1,200 x 1,530 mm
- Clamshell design
- Anodised temperature controlled exposure bed
- Light intergrator controlled exposure
- Outstanding vacuum draw down
- Optimum productivity

Product Features

DuPont™ Cyrel® 2000 ECLF can exposes, post-exposes and finishes the highest quality photopolymer plates up to a nominal maximum format of 1,200 x 1,530 mm (47 inch x 60 inch).

The Exposure section is clamshell design holding 38 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 are 3 counters imbedded in the PLC to keep track of the number of hours the UV-A and UV-C tubes have been in operation.

The Post Exposure and Light Finisher section hold 26 UV-C and 27 UV-A tubes. The PLC allows the user to perform post exposure and finishing in a preferred sequence, or simultaneously. The post exposure and finisher section has 25 basic set-ups that can be easily customised by the user.



The miracles of science™

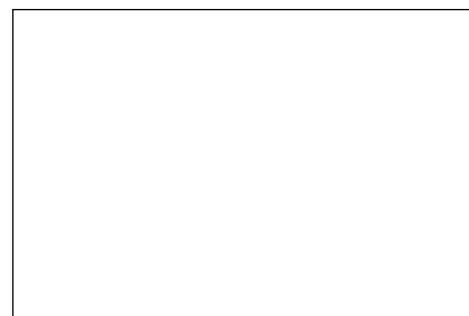
Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 2000 ECLF	Cooled exposure, post exposure and light finisher
SAP Article Number	MH89533	
Packing	Crated	
Max. nominal plate width	1,200 mm – 47 inch	
Max. nominal plate length	1,530 mm – 60 inch	
UV-A tubes wave length	360 nm – 380 nm	38 tubes (Exposure) 27 tubes (Light Finisher)
UV-C tubes wave length	254 nm	26 tubes (Light Finisher)
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* 26 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)	Ø 160 mm – 6.3 inch	1500 m ³ / h – 883 scfm (min)
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	1,720 mm – 67.8 inch (un-crated)	2,000 mm – 78.8 inch (crated)
W	2,600 mm – 102.4 inch (un-crated)	2,870 mm – 113.0 inch (crated)
H	1,100 mm – 43.4 inch (un-crated)	1,510 mm – 59.5 inch (crated)
H – open	2,380 mm – 93.7 inch (open)	
Weight	1,000 kg – 2.205 lbs (un-crated)	1,500 kg – 3.307 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”