

DuPont™ Cyrel® 3000 EC

Exposure

DuPont™ Cyrel® 3000 EC exposes high quality photo-polymer plates up to a format of 52" x 80" (1,320 x 2,030 mm).

Benefits

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

Features

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	0.019" to 0.27"	0.5 mm to 7.0 mm
Max. Nominal Plate Width	52" (1,320 mm)	
Max. Nominal Plate Length	80" (2,030 mm)	
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: 63°F to 82°F (17°C to 28°C)	Relative humidity from 20% to 85% non-condensing
Compressed Air Supply	7 bar minimum	
Dimensions	Uncrated	Crated
D	83.1" (2,110 mm)	90.6" (2,310 mm)
W	129.9" (3,300 mm)	141.0" (3,580 mm)
H	79.4" (2,015 mm)	91.0" (2,430 mm)
H - open	104.3" (2,650 mm)	
Weight	4,101 lbs (1,860 kg)	5,203 lbs (2,360 kg)
Color	DuPont Grey & DuPont Red	

DuPont Industrial Solutions brings together leading technologies and products for the printing and package printing industries. DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including 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.



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