

DuPont™ Cyrel® 1000 ECLF

Exposure, Light Finisher and Post Exposure Unit

DuPont™ Cyrel® 1000 ECLF can expose, post-expose and finish high quality photopolymer plates up to a format of 36" x 48" (900 x 1,200 mm).

Benefits

- Maximum plate size 900 x 1,200 mm (36" x 48")
- Light integrator controlled exposure
- Clamshell design
- Outstanding vacuum draw down
- Anodized temperature controlled exposure bed
- Optimum productivity

Features

The Exposure section is a clamshell design holding 24 UV-A fluorescent tubes with built-in reflectors. One yellow control tube illuminates the exposure bed for inspection 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 light guide, giving the operator a visual indication. There are three 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 19 UV-C and 20 UV-A tubes. The PLC allows the user to perform post exposure and finishing simultaneously. The post exposure and finisher section has 25 basic set-ups that can be easily customised by the user.



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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 1000 ECLF	Cooled exposure, post exposure and light finisher
SAP Article Number	MH74451A	
Plate Thickness	0.5 mm to 7.0 mm	0.019" to 0.27"
Max. Nominal Plate Width	900 mm (36")	
Max. Nominal Plate Length	1,200 mm (48")	
UV-A Tubes Wave Length	360 nm – 380 nm	
UV-C Tubes Wave Length	254 nm	
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; 26 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5 x 4 mm ² ; 4 x 4 mm ²
Grounding	< 0.1 Ω	
Exhaust (Light Finisher)	Ø 140 mm (5.5")	800 m ³ / h (min)
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	NA	
Dimensions	Uncrated	Crated
L	1,550 mm (61.0")	1,650 mm (65.0")
W	1,800 mm (70.9")	1,900 mm (74.8")
H	1,060 mm (41.8")	1,500 mm (59.0")
H (open)	1,850 mm (72.9")	
Weight	700 kg (1,764 lbs)	970 kg (2,138 lbs)
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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For more information on DuPont™ Cyrel® or other DuPont products, please visit our website.

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