

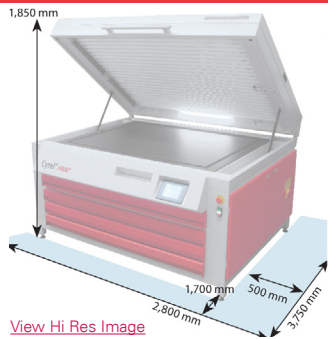
DuPont™ Cyrel® 1000 ECLF

State-of-the-Art Exposure, Light Finisher and Post Exposure Unit



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DuPont™ Cyrel® 1000 ECLF



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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® 1000 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.

DuPont™ Cyrel® 1000 ECLF

Benefits

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

Product Features

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

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.

DuPont™ Cyrel® 1000 ECLF

State-of-the-Art Exposure, Light Finisher and Post Exposure Unit

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)
Colour	DuPont Grey & DuPont Red	

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

www.cyrel.com/ap

DuPont China Holding Co., LTD
Bldg 11, 399 Keyuan Road
Zhangjiang, Hi-Tech Park
Pudong New District
Shanghai 201203 China
Tel: (86) 21 3862 2888

DuPont Australia, LTD
Level 1, 600 Victoria St
Richmond, Victoria 3121, Australia
Tel: (61) 3 9935 5699

DuPont Malaysia SDN BHD
1st Floor, Bangunan Samundra
No. 1, Jalan Kontraktor
U1/14 Seksyen U1
Hicom-Glenmarie, Industrial Park
40150 Shah Alam, Selangor Darul Ehsan
Malaysia
Tel: (60) 3 5569 3006

DuPont K.K. - Japan
Sanno Park Tower
11-1, Nagata-cho 2-chrome
Chiyoda-ku, Tokyo 100-6111
Tel: (81) 3 5521 8520

E.I. DuPont India Private Limited
1001-10012, 'Meadows', 10th Floor
Sahar-Plaza Complex, Andheri-Kurla Road
Andheri (East), Mumbai 400 059
Tel: (91) 22 6751 5000