

# DuPont™ Cyrel® EVO 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 900 x 1,200 mm (36" x 48").**

## Exposure Section

- Maximum plate size 900 x 1,200 mm (36" x 48")
- New cooling bed system to grant a uniform and constant temperature without any exposure time limit
- Vacuum system for analogue plates exposure
- Temperature control sensor
- Lamps air flow cooling system with temperature control
- Optical fibers lamp control
- Lamp pre-heating function
- Userfriendly back exposure test function

## Light Finishing Section

- UVA-UVC post exposure
- Air flow cooling system
- Optical fibers lamp control

## Features

The Exposure section is a clamshell design holding 23 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 anodized 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 customize the 24 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.



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## Technical Data

General	Details	Other Notes
<b>Equipment Name</b>	DuPont™ Cyrel® EVO 1000 ECLF	Cooled exposure, dryer, post exposure and light finisher
<b>SAP Article Number</b>	D15489211	
<b>Plate Thickness</b>	0.019" to 0.27"	0.5 mm to 7.0 mm
<b>Max. Nominal Plate Width</b>	36" (900 mm)	
<b>Max. Nominal Plate Length</b>	48" (1,200 mm)	
<b>UV-A Tubes Wave Length</b>	360 nm – 380 nm	23 tubes (Expo section) , GMC M300506001 CY CNS LAMP, UVA, 80W, 1.5 M 17 tubes (LF section) , GMC M388998 CY CNS LAMP, UVA, 60W, 1.2 M
<b>UV-C Tubes Wave Length</b>	254 nm	18 tubes, GMC D12374309 CY CNS LAMP, UVC, 75W, 1.2M
<b>Electrical (Field Configurable)</b>	400 Volt – 50/60 Hz; 230 Volt – 50/60 Hz	3PH/N/ PE 7kW 11A; 3PH/PE 7kW 19A
<b>Power (Nominal)</b>	7 kW	
<b>Current (Nominal Load)</b>	11 Amp @ 400 Volt; 19 Amp @ 230 Volt	
<b>Connecting Wires</b>	400 Volt configuration; 230 Volt configuration	5G6
<b>Grounding</b>	< 0.1 Ω	
<b>Exhaust (Light Finisher)</b>	2 x 140 mm Ø	400 + 400 m³/h
<b>Environmental Data</b>	Temperature range: 1 63°F to 82°F (7°C to 28°C)	Relative humidity from 10% to 80% non-condensing
<b>Compressed Air Supply</b>	Min. 7 bar	
<b>Dimensions</b>	<b>Uncrated</b>	<b>Crated</b>
<b>D</b>	60.2" (1,530 mm)	76.7" (1,950 mm)
<b>W</b>	68.9" (1,750 mm)	76.7" (1,950 mm)
<b>H</b>	41.7" (1,060 mm)	59.0" (1,500 mm)
<b>H (open)</b>	80.7" (2,050 mm)	
<b>Weight</b>	1,433 lbs (650 kg)	Crated: 2,094 lbs (950 kg)
<b>Color</b>	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 (analog 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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