

# DuPont™ Cyrel® EVO 2000 ECLF

Exposure & Light Finisher

**DuPont™ Cyrel® EVO 2000 ECLF exposes, post-exposes and finishes high quality photopolymer plates up to a maximum format of 47" x 63" (1,200 x 1,600 mm).**

## Exposure Light Finisher Section

- Maximum plate size 47" x 63" (1,200 x 1,600 mm)
- Clamshell design with automatic pneumatic lid that contains integral safety switches
- Light integration system, which automatically compensates for any UV output variations
- New lamps air cooling system with temperature control
- Optical fibers lamp control
- Newly designed control display for optional installation on right or left side of the unit
- Lamp pre-heating function
- Userfriendly back exposure test function

## Product Features

The exposure section is a clamshell design holding 42 UV-A fluorescent tubes with built-in reflectors. One yellow control tube illuminates the exposure bed for inspection of the plate surface. 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 24 basic exposure set-ups.



Each fluorescent tube is constantly monitored by a light guide, giving the operator a visual on/off indication. There are three-time counters imbedded in the touch screen control panel to keep track of the number of hours the UV-A and UV-C tubes have been in operation.

The Main Exposure holds 42 UV-A tubes and the Light Finisher section holds 24 UV-A and 23 UV-C tubes. The control panel 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 customized.

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## Technical Data

General	Details	Other Notes
<b>Equipment Name</b>	DuPont™ Cyrel® EVO 2000 ECLF	Cooled bed exposure unit with light finisher
<b>SAP Article Number</b>	D15467274	
<b>Plate Thickness</b>	up to 0.276 inch	up to 7.0 mm
<b>Max. Nominal Plate Width</b>	47" (1,200 mm)	
<b>Max. Nominal Plate Length</b>	63" (1,600 mm)	
<b>UV-A Tubes Wave Length</b>	360 nm – 380 nm	42 tubes (exposure) GMC M300506001 CY CNS LAMP, UVA, 80 W, 1.5 M 24 tubes (LF) GMC M300506001 CY CNS LAMP, UVA, 80 W, 1.5 M
<b>UV-C Tubes Wave Length</b>	254 nm	23 tubes, GMC D12374309 CY CNS LAMP, UVC, 60-95W, 1.5 M
<b>Electrical (Field Configurable)</b>	400 Volt – 50/60 Hz 230 Volt – 50/60 Hz	3PH/N/PE 9.5kW 15A 3PH/PE 9.5kW 25A
<b>Power (Nominal)</b>	9.5 kW	
<b>Current (Nominal Load)</b>	15 Amp @ 400 Volt; 25 Amp @ 230 Volt	
<b>Connecting Wires</b>	400 Volt configuration; 230 Volt configuration	5G6
<b>Grounding</b>	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
<b>Exhaust (Light Finisher)</b>	1 x 160 mm	1000 m <sup>3</sup> / h
<b>Environmental Data</b>	Temperature range: 17°C to 28°C (63°F to 82°F)	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>L</b>	103.9" (2,640 mm)	115.3" (2,930 mm)
<b>W</b>	68.9" (1,740 mm)	76.0" (1,930 mm)
<b>H</b>	45.7" (1,060 mm)	62.6" (1,590 mm)
<b>H (open)</b>	96.5" (2,450 mm)	
<b>Weight</b>	2,840 lbs (1,120 kg)	Crated: 3,087 lbs (1,400 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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