

# DuPont™ Cyrel® EVO 2000 EC

Exposure Unit

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

## Exposure Section

- Maximum plate size 1,200 x 1,600 mm (47" x 63")
- Clamshell design with automatic pneumatic lid that contains integral safety switches
- New lamps air cooling system with temperature control
- Optical fibers lamp control
- Temperature control sensor
- 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 clamshell design holds 42 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 customize the 24 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
<b>Equipment Name</b>	DuPont™ Cyrel® EVO 2000 EC	Cooled exposure, Clam shell
<b>SAP Article Number</b>	D15473012	
<b>Plate Thickness</b>	up to 7.0 mm	up to 0.276 inch
<b>Max. Nominal Plate Width</b>	1,200 mm (47")	
<b>Max. Nominal Plate Length</b>	1,600 mm (63")	
<b>UV-A Tubes Wave Length</b>	360 nm – 380 nm	42 tubes, GMC M300506001 CY CNS LAMP, UVA, 80 W, 1.5 M
<b>UV-C Tubes Wave Length</b>	NA	
<b>Electrical (Field Configurable)</b>	400 Volt – 50/60 Hz 230 Volt – 50/60 Hz	3PH/N/PE 4.5kW 8A 3PH/PE 4.5kW 14A
<b>Power (Nominal)</b>	4.5 kW	
<b>Current (Nominal Load)</b>	8 Amp @ 400 Volt; 14 Amp @ 230 Volt	
<b>Connecting Wires</b>	400 Volt configuration; 230 Volt configuration	5G4
<b>Exhaust (Light Finisher)</b>	NA	
<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>	2,600 mm (102.4")	2,930 mm (115.4")
<b>W</b>	1,740 mm (68.5")	1,930 mm (76.0")
<b>H</b>	1,060 mm (41.7")	1,590 mm (62.6")
<b>H (open)</b>	2,450 mm (96.5")	
<b>Weight</b>	920 kg (2,028 lbs)	Crated: 1,200 kg (2,646 lbs)
<b>Colour</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 (analogue and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.



[cyrel.eu](http://cyrel.eu)

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