

DuPont™ Cyrel® EVO 2000 EC

Exposure Unit

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

Exposure Section

- Maximum plate size 47" x 63" (1,200 x 1,600 mm)
- 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
Equipment Name	DuPont™ Cyrel® EVO 2000 EC	Cooled exposure, Clam shell
SAP Article Number	D15473012	
Plate Thickness	up to 0.276 inch	up to 7.0 mm
Max. Nominal Plate Width	47" (1,200 mm)	
Max. Nominal Plate Length	63" (1,600 mm)	
UV-A Tubes Wave Length	360 nm – 380 nm	42 tubes, GMC M300506001 CY CNS LAMP, UVA, 80 W, 1.5 M
UV-C Tubes Wave Length	NA	
Electrical (Field Configurable)	400 Volt – 50/60 Hz 230 Volt – 50/60 Hz	3PH/N/PE 4.5kW 8A 3PH/PE 4.5kW 14A
Power (Nominal)	4.5 kW	
Current (Nominal Load)	8 Amp @ 400 Volt; 14 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5G4
Exhaust (Light Finisher)	NA	
Environmental Data	Temperature range: 63°F to 82°F (17°C to 28°C)	Relative humidity from 10% to 80% non-condensing
Compressed Air Supply	Min. 7 bar	
Dimensions	Uncrated	Crated
L	102.4" (2,600 mm)	115.4" (2,930 m)
W	68.5" (1,740 mm)	76.0" (1,930 mm)
H	41.7" (1,060 mm)	62.6" (1,590 mm)
H (open)	96.5" (2,450 mm)	
Weight	2,028 lbs (920 kg)	Crated: 2,646 lbs (1,200 kg)
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 (analog and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.



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