

DuPont™ Cyrel® EVO 2000 ECDLF

Exposure, Dryer & Light Finisher

DuPont™ Cyrel® EVO 2000 ECDLF is a combined exposure unit with automatic lid and integrated dryer (4 drawers) and light finisher. It exposes, post-exposes and finishes high quality photopolymer plates up to a maximum format of 47" x 63" (1,200 x 1,600 mm).

Features 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

Features Dryer

- 4 sealed drawers to prevent any leak of fumes
- Drying temperature reached in a very reduced time thanks to the new hot air generation and circulation system.
- Automatic pre-heat system and automatic switch off option
- Optimal T° uniformity thanks to 2 separate T° controls interfaces
- New air suction system design to ensure a faster plate drying

Product Features

The exposure section is a clamshell design holding 42 UV-A fluorescent tubes with built-in reflectors. 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 different set-ups for back exposure, main exposure.

Each fluorescent tube is constantly monitored by a light guide, giving the operator a visual on/off indication. There are three-time counters embedded 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 post exposure and light finisher section hold 23 UV-C and 24 UV-A tubes. The control panel allows the user to perform post exposure and finishing in a preferred sequence, or simultaneously. The post-exposure (UVA) and light-finisher section has 24 different set-ups that can be easily customized.

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 in a preferred sequence, or simultaneously. The post exposure and finisher section has 20 basic set-ups that can be easily customised by the user.

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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® EVO 2000 ECDLF	Exposure, Dryer & Light Finisher
SAP Article Number	D15551711	
Max. Nominal Plate Width	47 inch	1200 mm
Max. Nominal Plate Length	63 inch	1600 mm
Plate Thickness	up to 0.276 inch	up to 7.0 mm
UV-A Tubes Wave Length	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
UV-C Tubes Wave Length	254 nm	23 tubes, GMC D12374309 CY CNS LAMP, UVC, 60-95W, 1.5 M
Electrical (Field Configurable)	400 Volt – 50/60 Hz 230 Volt – 50/60 Hz	3PH/N/PE 11kW 17A 3PH/PE 11kW 29A
Power (Nominal)	9.5 kW	
Current (Nominal Load)	15 Amp @ 400 Volt; 25 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5G6
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Exhaust	1 x 160 mm	1000 m ³ / h
Environmental Data	Temperature range: 63°F to 82° (17°C to 28°C)	Relative humidity from 10% to 80% non-condensing
Compressed Air Supply	Min. 7 bar	
Dimensions	Uncrated	Crated
L	103.9" (2,640 mm)	115.3" (2,930 mm)
W	68.5" (1,740 mm)	76.0" (1,930 mm)
H	41.2" (1,046 mm)	62.6" (1,590 mm)
H (open)	104.7" (2,660 mm)	
Weight	2,756 lbs (1,250 kg)	Crated: 3,373 lbs (1,530 kg)
Color	DuPont Red and Grey	

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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