

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.



DuPont™ Cyrel® EVO 2000 EC

Exposure Unit

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 7.0 mm	up to 0.276 inch
Max. Nominal Plate Width	1,200 mm (47")	
Max. Nominal Plate Length	1,600 mm (63")	
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: 17°C to 28°C (63°F to 82°F)	Relative humidity from 10% to 80% non-condensing
Compressed Air Supply	Min. 7 bar	
Dimensions	Uncrated	Crated
L	2,600 mm (102.4")	2,930 mm (115.4")
W	1,740 mm (68.5")	1,930 mm (76.0")
H	1,060 mm (41.7")	1,590 mm (62.6")
H (open)	2,450 mm (96.5")	
Weight	920 kg (2,028 lbs)	Crated: 1,200 kg (2,646 lbs)
Colour	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

For more information on DuPont™ Cyrel® or other DuPont products, please visit our website.

The information provided in this data sheet corresponds to our knowledge on the subject at the date of its publication. It may be subject to revision as new knowledge and experience becomes available. This information is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. Since we cannot anticipate all variations in end-use and disposal conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information. It is intended for use by persons having technical skill, at their own discretion and risk. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

DuPont™, the DuPont Oval Logo, and Cyrel® are trademarks or registered trademarks of DuPont or its affiliates. Copyright © 2021 DuPont de Nemours Inc. All rights reserved.

PDS-EU0057-EN (4/21)