

DuPont™ Cyrel® 2000 ECLF UV-i

Exposure Unit with improved UV output control

DuPont™ Cyrel® 2000 ECLF UV-i exposes high quality photopolymer plates up to a format of 42" x 60" (1,070 x 1,530 mm).

Benefits

- Maximum plate size 42" x 60" (1,070 x 1,530 mm)
- Top lift design
- High power UV-A fluorescent tubes
- Easy to exchange (USB) lamp sensors under each bulb
- Dimmable ballast to adjust UV output of each lamp over time
- Optimized temperature controlled exposure bed
- Optimum productivity

Features

Unique to this exposure unit is the high-power UV-A output with variable intensity level controls. The unit is configured with 34 UV-A high power fluorescent tubes with built-in reflectors and includes a new lamp sensor measurement system for easy calibration. The sensors are connected via a standard USB port, they routinely control each lamp without operator interaction.

The vertical lift exposure lid allows easy and convenient access to the cooled exposure bed. The 2000 ECLF UV-i also includes an optimized temperature controlled bed, including a closed loop system to monitor and control exposure bed temperature for predictable and consistent exposures. Built-in light integrators ensure consistent exposure throughout the life of the lamps. The unit is controlled through a digital touch pad with over 50 different exposure set-ups which can be stored for quick and easy recall.



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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 2000 ECLF UV-i	
SAP Article Number	D15530928	
Plate Thickness	0.019" to 0.27"	0.5 mm to 7.0 mm
Max. Nominal Plate Width	42" (1,070 mm)	
Max. Nominal Plate Length	60" (1,530 mm)	
UV-A Tubes Wave Length Peak	360 nm – 380 nm	34 tubes, GMC D15118595 CY CNS LAMP, UVA, 140 W, 1.52 M
UV-C Tubes Wave Length Peak	254 nm	22 tubes, GMC D12374309 CY CNS LAMP, UVC, 60-95 W, 1.5 M
Electrical (Field Configurable)	360 / 440 Volt – 50 / 60 hz 207 / 243 Volt – 50 / 60 hz	3Ph / N / PE 3Ph / PE
Power (nominal)	21 kW	
Current (Nominal Load)	33.5 Amp @ 400 Volt / 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5 x 6 mm ²
Grounding	< 0.1 Ω	
Environmental Data	Temperature range: 63°F to 80.6°F (17°C to 28°C)	Relative humidity from 10% to 80% non-condensing
Compressed Air Supply	6–10 bar	200 l / min. Pressure dew point 3°C, max. residual intake oil content of <0.01 mg/m ³
Dimensions	Uncrated	Crated
L	90.7" (2,304 mm)	126.0" (3,200 mm)
W	80.2" (2,039 mm)	86.6" (2,200 mm)
H	83.5" (2,120 mm)	99.7" (2,533 mm)
Weight	3,659.7 lbs (1660 kg)	4,850.2 lbs (2,200 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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