

# 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 1,070 x 1,530 mm (42" x 60").**

## Benefits

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