

# DuPont™ Cyrel® 2000 ECLF UV-i

State-of-the-Art Exposure Unit with improved UV output control



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## Floor Plan

[DuPont Advanced Printing](#) 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](#).

DuPont™ Cyrel® FAST: Higher quality at high speed.

**The DuPont™ Cyrel® 2000 ECLF UV-i is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, cost effective and reliable. The patented technology allows to setup exposure parameters by energy (milliwatt) rather than time. The system monitors each lamp and adjust UV output of each bulb over its lifetime.**

## DuPont™ Cyrel® 2000 ECLF UV-i

### 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

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.

### Product Features

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").

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.

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Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 2000 ECLF UV-i	
SAP Article Number	D15530928	
Plate Thickness	0.5 mm to 7.0 mm	0.019" to 0.27"
Max. Nominal Plate Width	1,070 mm (42")	
Max. Nominal Plate Length	1,530 mm (60")	
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 <sup>2</sup>
Grounding	< 0.1 Ω	
Environmental Data	Temperature range: 17°C to 28°C (63°F to 80.6°F)	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 <sup>3</sup>
Dimensions	Uncrated L 2,304 mm (90.7") W 2,039 mm (80.2") H 2,120 mm (83.5")	Crated 3,200 mm (126.0") 2,200 mm (86.6") 2,533 mm (99.7")
Weight	1660 kg (3,659.7 lbs)	2,200 kg (4,850.2 lbs)
Colour	DuPont Grey & DuPont Red	

[www.cyrel.eu](http://www.cyrel.eu)

For more information on DuPont™ Cyrel® or other DuPont Advanced Printing products, please contact your local representative.

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