

DuPont™ Cyrel® DigiFlow 2000 EC

State-of-the-Art Exposure Unit



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[DuPont Packaging Graphics](#) continues to be a global technology leader in the development and supply of flexographic printing systems. Our R&D team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The DuPont Packaging Graphics portfolio of products includes 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® Systems: Higher quality at high speed.

The DuPont™ Cyrel® DigiFlow 2000 EC is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.

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Floor Plan



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Benefits

- Maximum plate size 1,070 x 1,530 mm (42" x 60")
- Top lift design
- High power UV-A fluorescent tubes
- Individual lamp sensor measurement tool
- Exposure in standard digital dot mode or DigiFlow mode
- Optimised temperature controlled exposure bed
- Optimum productivity

Product Features

DuPont™ Cyrel® DigiFlow 2000 EC 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. In addition, it includes the DigiFlow mode; a controlled exposure environment designed to produce the exact 1:1 reproduction that is necessary to optimise solid screening programs for enhanced solid ink density.

The vertical lift exposure lid allows easy and convenient access to the cooled exposure bed. The unit is configured with 34 UV-A high power fluorescent tubes with built-in reflectors and includes a new lamp sensor measurement tool for easy calibration. The DigiFlow 2000 EC also includes an optimized temperature controlled bed, including a closed loop system to monitor and control exposure bed temperature for predictable and consistent exposures. A built-in light integrator ensures 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® DigiFlow 2000 EC	Cooled exposure with DigiCorr and DigiFlow functionality
SAP Article Number	D15093068	
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	364 nm	With reflector
Electrical (Field Configurable)	360 / 440 Volt – 50 / 60 hz 207 / 243 Volt – 50 / 60 hz	3Ph / N / PE 3Ph / PE
Power (nominal)	12.5 kW	
Current (Nominal Load)	18 Amp @ 400 Volt; 18 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5 x 6 mm ²
Grounding	≤ 0.1 Ω	
Environmental Data	Temperature range: 17°C to 28°C (63°F to 80.6°F)	Relative humidity from 10% to 85% 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	2,304 mm (90.7")	2,700 mm (106.2")
W	2,039 mm (80.2")	2,340 mm (90.5")
H	2,112 mm (83.1")	2,530 mm (99.6")
Weight	1100 kg (2,425 lbs)	
Colour	DuPont Grey & DuPont Red	

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please contact your local representative:

www.cyrel.eu

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