

DuPont™ Cyrel® 1000 D

Six Drawer Dryer

DuPont™ Cyrel® 1000 D is capable of drying high quality photopolymer plates up to a format of 36" x 47" (914 x 1,194 mm). The unit is easy to install, easy to support and maintain, simple to operate, and extremely reliable.

Benefits

- Maximum plate size 36" x 47" (914 x 1,194 mm)
- Even drying temperature
- Best plate drying uniformity
- Simple to install
- Robust and easy to support
- Optimum productivity

Features

Each of the six drawers are configured into three modules, which can be individually controlled through the touch screen control panel. This allows the choice of drying time for each drawer and the time countdown is performed second by second. This function allows the user to set the most appropriate drying time, depending on the type and thickness of the plate being used.

Consistent drying temperatures and airflow throughout the six separate drawers of the Cyrel® 1000 D ensures plate drying uniformity, and plate dimensional stability. The operator can open a dryer drawer to visually inspect the plate and determine its status anytime during operation. Automatic control (closed loop) between the temperature setting on the PLC and the heating elements prevents overheating in the drawer.

The Cyrel® 1000 D is delivered in one piece.



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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® 1000 D	Six Drawer Dryer
SAP Article Number	D14527491	
Plate Thickness	0.019" to 0.27"	0.5 mm to 7.0 mm
Max. Nominal Plate Width	36" (914 mm)	
Max. Nominal Plate Length	47" (1,194 mm)	
Electrical (Field Configurable)	400 Volt – 50 / 60 hz (+10%–5%) 230 Volt – 50 / 60 hz (+10%–5%)	3Ph / N / PE 3Ph / PE
Over Current Protection	30 Amp	
Current (Nominal Load)	17 Amp @ 400 Volt 20 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration; 230 Volt configuration	5 x 6 mm ² ; 4 x 6 mm ²
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Noise Level	<70 dB	
Exhaust (Light Finisher)	Ø 3.9" (100 mm)	150 m ³ / h–88.29 scfm to 165 m ³ / h–97.11 scfm
Environmental Data	Temperature range: 59°F to 86°F (15°C to 30°C)	Relative humidity from 40% to 60% non-condensing
Compressed Air Supply	NA	NA
Dimensions	Uncrated	Crated
D	60.2" (1,530 mm)	64.9" (1,650 mm)
W	83.0" (2,110 mm)	87.8" (2,230 mm)
H	42.5" (1,080 mm)	57.0" (1,450 mm)
Weight	1,360 lbs (620 kg)	2,072 lbs (940 kg)
Color	DuPont Grey & DuPont Red	

The DuPont Industrial Solutions portfolio of products includes the DuPont™ Cyrel® brand of photopolymer plates (analog and digital), Cyrel® platemaking equipment, Cyrel® round sleeves and the revolutionary Cyrel® FAST thermal system.



cyrel.com/na

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

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