



DuPont™ Cyrel® DigiFlow 1000 ECLF

State-of-the-Art Exposure and Light Finisher

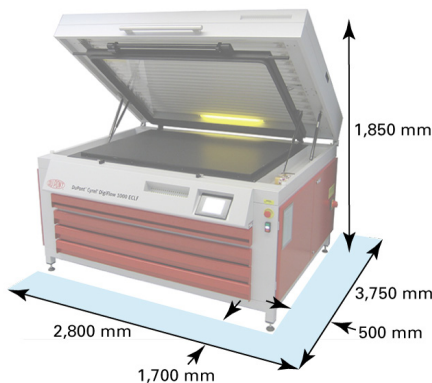


DuPont Packaging Graphics continues to be a global technology leader in the development and supply of flexographic printing systems. Our R&D team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The DuPont Packaging Graphics portfolio of products includes DuPont™ Cyrel® brand photopolymer plates (analog 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 1000 ECLF is designed with customer needs in mind; it is easy to install, support, maintain and operate. It is robust, extremely cost effective and reliable.

DuPont™ Cyrel® DigiFlow 1000 ECLF



Floor Plan

Benefits

- Exposure in standard digital dot mode or DigiFlow mode
- Cost effective operation in DigiFlow mode
- Maximum plate size 36" x 48" (900 x 1,200 mm)
- Light integrator controlled exposure
- Clamshell design
- Outstanding vacuum draw down
- Anodized temperature controlled exposure bed
- Optimum productivity

Product Features

DuPont™ Cyrel® DigiFlow 1000 ECLF exposes high quality photopolymer plates up to a format of 36" x 48" (900 x 1,200 mm).

The Exposure section is a clamshell design holding 24 UV-A fluorescent tubes with built-in reflectors. One yellow control tube illuminates the exposure bed for inspection of the plate surface. Unique to this exposure unit is the DigiFlow chamber which can be easily opened and closed via the clamshell lid. Anodized temperature controlled bed, closed loop system that controls the exposure bed temperature, which translates into predictable and consistent exposures. The unit is fitted with a light integrator that compensates for the decrease in light output as the tubes age. To meet the demanding needs of high quality plates, the user can easily customize the 25 basic exposure set-ups.

Each tube is constantly monitored by a light guide, giving the operator a visual indication. There are three counters imbedded in the PLC to keep track of the number of hours the UV-A and UV-C tubes have been in operation.

The Post Exposure and Light Finisher section hold 19 UV-C and 20 UV-A tubes. The PLC allows the user to perform post exposure and finishing in a preferred sequence, or simultaneously. The post exposure and finisher section has 25 basic set-ups that can be easily customized by the user.



Download latest version



DuPont™ Cyrel® DigiFlow 1000 ECLF

State-of-the-Art Exposure and Light Finisher

Technical Data		
General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® DigiFlow 1000 ECLF	Cooled exposure, post exposure and light finisher
SAP Article Number	D14811438	
Plate Thickness	0.019" to 0.27"	0.5 mm to 7.0 mm
Max. Nominal Plate Width	36" (900 mm)	
Max. Nominal Plate Length	48" (1,200 mm)	
UV-A Lamps: Wave Length	360 nm – 380 nm	24 tubes (Exposure) 20 tubes (Light Finishers)
UV-C Lamps: Wave Length	254 nm	19 tubes (Light Finishers)
Electrical (Field Configurable)	370 / 440 Volt – 50 / 60 hz 208 / 240 Volt – 50 / 60 hz	3Ph / N / PE 3Ph / PE
Power (Nominal)	10 kW	
Current (Nominal Load)	16 Amp @ 400 Volt 26 Amp @ 230 Volt	
Connecting Wires	400 Volt configuration 230 Volt configuration	5 x 4 mm ² 4 x 4 mm ²
Grounding	≤ 0.1 Ω	
Exhaust (Light Finisher)	Ø 5.5" (140 mm)	1500 m ³ / h–883 scfm (min)
Environmental Data	Temperature range: 63°F to 82°F (17°C to 28°C)	Relative humidity from 20% to 85% non-condensing
Nitrogen Supply	3/8"–9.525 mm connection	Regulator to allow 4,1 bar–60 psi
Compressed Air Supply	7 bar minimum 200 l/min.	Pressure dew point 3°C, max. residual intake oil content of ≤ 0.01 mg/m ₃
Dimensions	Uncrated D 61.0" (1,550 mm) W 70.9" (1,800 mm) H 41.8" (1,060 mm) H - open 72.9" (1,850 mm)	Crated 65.0" (1,650 mm) 74.8" (1,900 mm) 59.0" (1,500 mm)
Weight	1,764 lbs (710 kg)	2,138 lbs (980 kg)
Color	DuPont Grey & DuPont Red	

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

United States

DuPont Packaging Graphics
Chestnut Run Plaza, Bldg. 702
974 Centre Road
Wilmington, DE 19805
800-345-9999

Canada

DuPont Packaging Graphics
1919 Minnesota Court
Mississauga, ON L5N 0C9
Canada
905-816-3238

www.cyrel.com/na

© 2013 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™ and Cyrel® are registered trademarks or trademarks of E.I. du Pont de Nemours and Company or its affiliates. All technical information set out herein is provided free of charge and is based on technical data, which DuPont believes to be reliable. It is intended for use by persons having skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use are outside of our control we make no warranties express or implied in relation thereto and therefore cannot accept any liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe any patents.