



Cyrel® 3000 BP Batch Processor

Technical Data Sheet



The Cyrel® BP processor offers the highest quality automation, throughput and serviceability available in the industry. The 3000 BP processor is the latest generation of closed, inline, plate processing systems that are designed to wash out a plate up to 52 x 80 inches (132 x 200 cm).

An innovative processing concept consisting of ten counter-rotating flat brushes and round brushes that wash out the non-polymerized (non-exposed) parts of the plate. High screen resolution, sharp line work, deep reverses and clean floors are achieved to meet the highest flexo standards, whether thick, thin, narrow or wide plates are processed. The solvent temperature is programmable between 20°C (68°F) and 40° (104°F) to handle various types and brands of solvents available in the industry.

The unit is operated and controlled through a large, user-friendly, touchscreen panel that allows all the processing functions to be set and activated from one location. The system can store more than 35 different plate programs. The plate processing time can also be pre-programmed and adapted to the individual plate types. Removal of solvent and final cleaning of the plate is completed through round brushes replenished with fresh solvent.

Additional Features & Benefits:

- Accurate brush positioning system provides high accuracy and fast changeover to different plate thickness.
- Integrated solvent heater/chiller included for accurate solvent temperature control.
- Full technical documentation, two pin bars

DuPont Cyrel®
For Packaging That's Impossible to Ignore

For more information call:
DuPont USA (1-800-345-9999)
DuPont Canada (905-821-5042)
DuPont Mexico (011-52-55-5722-1248)

Technical Data*

<i>General</i>	<i>Details</i>	<i>Other notes</i>
Equipment Name	Cyrel® 3000 BP	Batch solvent processor
Stock Number	MH63569	
Packing	Pallet	crate (Optional)
Max. plate width	52 inches (1320 mm)	tested to 51.9 inches (1320 mm)
Min. plate width	13.8 inches (350 mm)	
Max. plate length	80 inches (2032 mm)	tested to 88.5 inches (2250 mm)
Plate thickness	.045” - .276”	
Fresh solvent tank	40.1 gallons (152 litres)	
Min. solvent volume for operation	90 litres 24 gallons	
Washout Tank	40.1 (152 Litres)	
Max. solvent volume	80.2 gallons (304 litres)	
Electrical	230 +/- 10% - 50/60 Hz* 400 +/- 10%- 50Hz**	three phase and ground three phase, neutral, and ground
Power (nominal)	8.5 kW	
Current (nominal load)	230v - 22 Amp 400v – 14 Amp	
Grounding	≤ 0.1 Ω	Ground bar to equipment frame and to electrical supply ground
Compressed air	4-6 bar – 100 liters/hr	
Exhaust	140 mm (5.5 inches) diameter	Duct connection, 750m ³ /hr.
Environmental Data	Temperature range + 15°C/60°F to + 33°C/90°F	Relative humidity from 40% to 60% non-condensing
Dimension		
Maximum L	18’3” (5563 mm)	
“ W	7’8” (2337 mm)	
“ H	4’5” (1347 mm)	
Maximum Net weight Front & Back	5291 lbs. (2400 Kg)	Uncrated
Dimension Crated	Front Rear	
Maximum L	11’-7.8” 7’-11.3”	
“ W	8’-1.6” 7’-7.3”	
“ H	5’-6.9” 4’-7.1”	
Maximum Weight Crated Front & Rear	6770.4 lbs. (3071 Kg)	
Color	Grey	

*Electrical Configuration 1

**Electrical Configuration 2

*This information will be revised as soon as new data is received from Europe.