



PRE-HEATER PH 830





DESCRIPTION

The pre-heater model 830 is a compact, high-performance unit designed and built to heat the panel to be laminated with dry film photoresist, in the Rohm and Haas Electronic Materials Automatic Laminator model 1600-SPC.

ADVANTAGES

- Very efficient heating system by IR panels
- Suitable for innerlayer or rigid panels— full range from 0.05–5 mm (0.002–0.2 in.) thickness
- Panel sizes up to 787 mm (31 in.) wide
- Adjustable conveyor speed and digital temperature control
- Possible to interface with a panel cleaning system
- Preset for automatic in-line operations— easy handshake with other units
- Movable control panel
- Convenient operator access

Overall Dimensions		Panel Size	
Width	1,290 mm (50.8 in.)	Width (max.)	787 mm (31.0 in.)
Length	700 mm (27.6 in.)	Length (max.)	—
Height (min.–max.)	1,140–1,340 mm (44.9–52.8 in.)	Height (min.–max.)	0.1–5.0 mm (0.004–0.197 in.)
Electrical Requirements		Conveyor (Adjustment)	
Power Type	3 phase; 50/60 Hz + Ground	Conveyor Height (min.–max.)	860–1,060 mm (33.9–41.7 in.)
Power Consumption	5.5 KVA	Conveyor Speed	
Nominal Voltage*	400/480/220/200V ±7%	Conveyor speed adjustable up to 5 m/min. (16.4 ft./min.)	
Compressed Air			
Compressed air not required			
Weight			
Gross	378 kg (833 lbs.)		
Net	241 kg (531 lbs.)		
Working Parameters			
Temperature adjustable up to 500°C (932°F)			
*Different voltage can be provided upon requirement.			