



Dip Coating Unit With Infrared Dryer

Model : HO-TH-02B

HOLMARC's Dip coating unit with infrared dryer (HO-TH-02B) has been designed to keep operator involvement as minimum as possible so that variables like speed, duration, etc. are maintained accurately by micro processor controller. Movements are achieved by a precision servo motor controlled linear stage that offers vibration and noise free operation. It helps to create a uniform coating on the substrate.

Dip coating unit with infrared dryer has both manual as well as PC mode. In manual mode a user friendly front panel with keyboard and LCD display is provided to enter all dipping and withdrawal parameters where as in PC mode entire unit can be controlled by user friendly software. It is also possible to save programs for future use.

HOLMARC's Dip coating unit with infrared dryer (HO-TH-02B) has an infrared dryer incorporated with it. This is meant for drying the substrate after the coating has been made. It has an infrared bulb inside, whose temperature can be set to a maximum of 200°C from ambient. The infrared dryer provides uniform heating to the substrate. The temperature is swiftly attained so that the time taken for the dipping process is greatly reduced. PID Controller is used for optimum heating of the substrate. Apart from other sensors that sense the temperature of the heating chamber as a whole, the infrared sensor gives feedback of the temperature attained by the substrate by monitoring its emissivity.

Dip coating unit with infrared dryer is mainly used in physics, chemistry and biotechnology labs and corresponding research activities. Our device is designed and manufactured as a table top unit with electronics and servo motor aptly positioned making it compact and best suited for laboratory and research activities.

Specifications:

Actuator	Servo motor
Drive mechanism	Lead screw
Speed control	Available
Power input	230V, 50Hz
PC connectivity	Serial port (RS 232)
Stroke length max.	150 mm
Drawing speed min.	2 micron/sec
Drawing speed max.	9000 micron/sec
Program memory	5 programs
Dimension	630 x 368 x 420 mm
Max. Power Consumption	600 watts
Max Temperature	200° Celsius
Max Substrate size	75 mm

Please feel free to contact us for more details.

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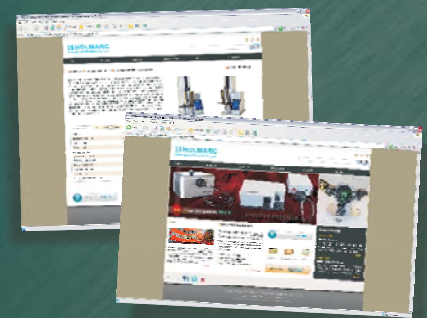
www.holmarc.com

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Key Features:

- Compact and attractive design
- User friendly keyboard & LCD monitor
- PC controllable
- User friendly software
- Infrared dryer for precise substrate heating



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