



Digital Magnetic Stirrer

Code LBD010

- High capacity: Powerful stirring up to 30 L of liquid
- Glass ceramic square work plate provides excellent chemical resistance and more efficient heat transfer
- LCD Display for precise monitoring of speed and temperature
- Temperature control is possible by connecting an external PT1000 temperature sensor (not included)
- Digital speed control in 100-1500 rpm range
- Max. heating plate temperature 500 °C
- The "HOT" warning will flash when the work plate temperature is above 50 °C, even when the hotplate is turned off
- Data port where to insert a Micro SD card to record the running data in real time
- The running time of the device can be set

Hotplate RSLab-6C



Code	LBD010
Work plate dimension (W x D)	254x254 mm
Work plate material	Glass ceramic
Motor type	Brushless DC motor
Stirring positions	1
Max. stirring volume (H ₂ O)	30 L
Max. length of magnetic bar	80 mm
Speed range	100-1500 rpm, resolution ± 1 rpm
Display (speed, temperature, time)	LCD
Timer function	1 min-99 h59 min
Temperature range	Room temp.-500 °C, increment 1 °C
Temperature control accuracy	± 1 °C (<100 °C), $\pm 1\%$ (>100 °C)
Overheating protection	540 °C
Temperature readability	0.1 °C
External temperatura sensor	PT1000 (± 0.2 °C)
"HOT" warning	50 °C
Data port	For Micro SD card
Protection class	IP21
Power	1700 W
Voltage Frequency	100-120/200-240V, 50/60Hz
Dimension (WxDxH)	328x424x138 mm
Permissible ambient temperature and humidity	5-40 °C, 80% HR
Weight	7.3 kg