Stirrer with heating LED RSLAB-3C

Code LBD003

This stirrer combines precise control, safety, and ease of use for your laboratory applications.
The LCD display shows temperature and speed in real time, while the built-in PID controller ensures safe heating with overheating protection.
Its glass-ceramic plate reaches up to 550 ºC, is corrosion-resistant, and easy to clean allowing you to work confidently and efficiently.
In addition, it offers the possibility of external temperature control using the included PT1000 sensor (LBM002), ensuring an accuracy of ±0.2 ºC.

- **Digital speed control:** adjustable up to 1500 rpm.
- **Powerful and consistent stirring:** brushless DC motor provides excellent stability and stirring force.
- **Easy adjustments:** two intuitive knobs allow effortless control of speed and temperature.
- **"HOT" warning:** flashes when the plate temperature exceeds 50 ºC, even when the unit is turned off, for added safety.
- **Remote function**: enables PC control and real-time data transmission.
- **Complete supply:** includes the PT1000 temperature sensor (LBM002) for external temperature control.

Technical specifications

Code	LBD003
Display	LED
Speed range	0-1500 rpm
Max. stirring capcaity	10 L
Temperature range	RT - 550 ºC, increments 5 ºC
Temperature accuracy	±10 ºC
Overheating temperature	580 ºC
Temperature display accuracy	±1 ºC
Plate material	Glass ceramic
Plate dimensions	184x184 mm
Motor	Brushless, maintenance free
Sensor externo temperatura	PT1000 (accuracy ±0,2)
Protection class	IP21
"Hot" warning	50 ºC
Dimensions	360x215x112 mm
Weight	4,5 Kg
Operating conditions	5-40 ºC, 80% RH

Note: manufacturer reserves the right to modify features and photographies of the goods.

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The unit comes with a wide range of compatible accessories designed to maximize its performance. It is supplied with the PT1000 temperature probe (LBM002), while the support stand kit is sold separately.

probes

Temperature sensor PT1000
Code LBM002

PT1000 temperature sensor, glass coated
Code LBM005

Support kit for temp. probe PT1000
Code LBM003 y LBM004

poly-bloc stands

Poly-block stand red
Code LBM010

For tubes of 4 mL
11 holes
Diameter:12,5 mm
Depth: 20 mm

Poly-block stand green
Code LBM014

For tubes of 8 mL
6 holes
Diameter:17,8 mm
Depth: 26 mm

Poly-block stand yellow
Code LBM015

For tubes of 15 mL
4 holes
Diameter: 21 mm
Depth: 31,7 mm

Poly-block stand purple
Code LBM011

For tubes of 20 mL
4 holes
Diameter: 28 mm
Depth: 24 mm

Poly-block stand blue
Code LBM012

For tubes of 30 mL
4 holes
Diameter:28 mm
Depth: 30 mm

Poly-block stand black
Code LBM013

For tubes of 40 mL
4 holes
Diameter: 28 mm
Depth: 43 mm

MAGNETIC STIRRERS
[L] STIRRING

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