



Stirrer with heating LED RSLAB-4C

Code **LBD004**

This stirrer combines precise control, safety and ease of use for your laboratory applications. The LCD display shows the temperature and speed in real time, while the integrated PID controller ensures safe heating with overheat protection. Its ceramic glass plate reaches temperatures of up to 550 °C, is corrosion-resistant and easy to clean, allowing you to work with confidence and efficiency.

The temperature can also be controlled externally using the included PT1000 probe (LBM002), providing an accuracy of ± 0.2 °C. The support stand kit (reference LBM003) is not included.



- **Digital speed control:** adjustable up to 1500 rpm
- **Powerful and consistent stirring:** brushless DC motor provides stability and power for every mixing application.
- **Easy adjustments:** two intuitive knobs for straightforward speed and temperature control.
- **“HOT” warning:** flashes when the plate temperature exceeds 50 °C, even when the unit is switched off, ensuring safe operation.
- **Remote function:** allows control from a PC and real-time data transmission.
- **Complete supply:** includes the PT1000 probe (LBM002) for external temperature control.

Technical specifications

Code	LBD004
Display	LCD
Speed range	100-1500 rpm
Max. volume	20 L
Temperature range	Ambient - 550 °C
Safety temperature	580°C
Plate material	Ceramic glass
Plate dimensions	184x184 mm
External temperature sensor	PT1000 (precision $\pm 0,2$)
Protection class	IP21
Approx. dimensions	360x215x112 mm
Approx. weight	4,5 Kg



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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

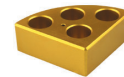
poly-bloc stands



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