



Digital stirrer with heating mantle

- Compatible with round bottom flasks with 100 mL, 250 mL, 500 mL or 1000 mL capacity (LBD011-14) or with flat bottom beakers with 100 mL, 250 mL, 500 mL or 1000 mL capacity (LBD015-18).
- Self-calibrating temperature function for greater accuracy.
- Cotton heating mantle with high quality aluminium silicate fibre, offering precise temperature control, uniform heating and corrosion resistance.
- Flame-retardant metal exterior for increased safety.
- Explosion-proof, maintenance-free brushless DC motor with a long service life.
- Warning signal at 50°C, even when the heating mantle is switched off if the power cable is connected.
- Two safety circuits monitor the equipment. If the sensor fails and there is overheating, an error code will be generated, and the shaker will stop heating. If there is a short circuit in the first circuit, the second circuit will cut power to protect the operator.

Digital stirrer with heating mantle For flasks (round bottom)

Code LBD011, LBD012, LBD013, LBD014



Code LBD012

Technical specifications



Code	LBD011	LBD012	LBD013	LBD014
Model	MS-H280-F100	MS-H280-F250	MS-H280-F500	MS-H280-F1000
For flasks (round bottom)	100 mL	250 mL	500 mL	1000 mL
Heating mantle int. dimensions	Ø 68x48 mm	Ø 86x50 mm	Ø 110x60 mm	Ø 140x70 mm
Consumption	159 W	220 W	299 W	393 W
Heating mantle resistance	260 Ω	250 Ω	255 Ω	200 Ω



Digital stirrer with heating mantle For beakers (flat bottom)

Code LBD015, LBD016 LBD017, LBD018



Technical specifications



Code	LBD015	LBD016	LBD017	LBD018
Model	MS-H280-B100	MS-H280-B250	MS-H280-B500	MS-H280-B1000
For beakers (flat bottom)	100 mL	250 mL	500 mL	1000 mL
Heating mantle int. dimensions	Ø 52x53 mm	Ø 70x50 mm	Ø 89x50 mm	Ø 110x60 mm
Consumption	164 W	303 W	302 W	669 W
Heating mantle resistance	230 Ω	237 Ω	170 Ω	160 Ω
Speed range	200-1500 rpm			
Speed accuracy	±20 rpm			
Speed/temp display	LCD			
Temp. range	25-280 °C (from 1° to 1°)			
External temp. sensor	PT1000 (accuracy ± 0.1°C)			
Protection	IP21			
Approx. equipment dimensions	280x160x160 mm			
Weight	4 kg			
Power supply	200-240VAC 50/60Hz			