



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 flaks (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

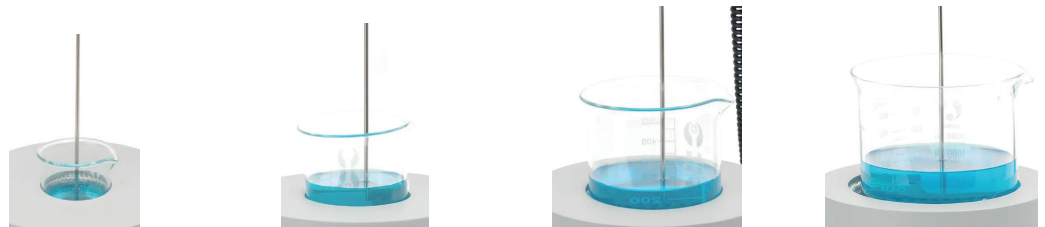


Digital stirrer with heating mantle For beakers (flat bottom)

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
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			