

magnetic



- 🌀 New developed magnetic stirrer
- 🌀 Maintenance- and wear-free
- 🌀 Fast heating-up
- 🌀 Energy-saving
- 🌀 Insulated frame
- 🌀 Durable quality
- 🌀 3 years warranty

Heating

Massive heating block made of resistant aluminium alloy, PTFE-coated for increased chemical resistance and easier cleaning, lowest possible temperature gradient inside the stirring vessels, integrated electrical heater, maximum heating temperature +200 °C.

PowerDetect for automatic compensation of physically determined loss in stirring power which can come up to 40% at high temperatures, specially made insulated stainless steel frame for energy- and time saving heating process, additionally for a homogenous temperature distribution and protection against accidental contact, independent over-temperature protection inside the plate.

Separate control unit for operation of magnetic stirrer and integrated heater, for long-term protection of the electronics against aggressive liquids and gases as well as thermal influences, stainless steel housing.

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MULTIPLE STIRRING HEATING BLOCKS

For viscosity measurements, R&D, combinatorial chemistry, biological applications, testing the solution behavior of synthetic materials, quality control in food, chemical and waste water technology, simple and easy system integration

2mag STIRRING DRYBATH 15-100

Stirring-heating block combination with 15 stirring positions, incl. control unit heatMIXcontrol, 15 bore holes, ø 57.5 mm, depth 48 mm, distance 65 mm, suitable for 100 ml lab-flasks (e.g. Duran) and for 150 ml beaker glasses.

Stirring

Maintenance-free and wear-free by inductive 2mag-Magnetic-Drive concept, extremely wide speed range of 100 to 2,000 rpm, 100% synchronized speed, jerk-free stirring even at low speeds, 10-step power settings of the stirrer, high power setting for viscous liquids and reduced power setting for long-term operation without any heating effects caused by the stirrer

Clear digital display for settings of stirrer speed, stirrer power and temperature of the integrated heater, SoftStart procedure for reliable catching/centering and safe acceleration of the stirring bar.



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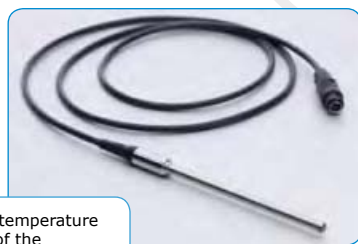
MULTIPLE STIRRING HEATING BLOCKS

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2mag control unit heatMIXcontrol

Separate control unit heatMIXcontrol for operation of magnetic stirrer and integrated heater

Long-term protection of the electronics against aggressive liquids and gases as well as thermal influences, independent and adjustable over-temperature limiter for the additional protection of the heating controller against technical defects or unintended operation errors, stainless steel housing, compact and space-saving, connection for external Pt100 sensor, RS232 interface.



Hint: External probe sensor, temperature sensor for direct controlling of the probe temperature

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2mag STIRRING DRYBATH 15-250

Stirring-heating block combination with 15 stirring positions, incl. control unit heatMIXcontrol, 15 bore holes, \varnothing 71.5 mm, depth 78 mm

Identical to STIRRING DRYBATH 15-100, but with 15 stirring positions, 15 bore holes, \varnothing 71,5 mm, depth 78 mm, distance 84 mm, suitable for 250 ml lab-flasks (e.g. Duran) and for 400 ml beaker glasses.



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DRYBATH 15-100 and DRYBATH 15-250 delivery incl. separate control unit heatMIXcontrol for operation of magnetic stirrer and integrated heater.

Technical data

Type	DRYBATH 15-100	DRYBATH 15-250	heatMIXcontrol
Stirring points	15	15	-
Stirring point distance	65 mm	84 mm	-
Bore hole \varnothing /T	57.5 / 48 mm	71.5 / 78 mm	-
Stirring volume / point	1 - 150 ml	1 - 400 ml	-
Stirring power	4 - 40 watts (10-step)		
Max. temperature	up to +200 °C		
Speed range	100 - 2,000 rpm		
Electrical data	230 volts / 1.000 watts		
Dimensions (WxDxH)	295 x 445 x 110 mm	345 x 525 x 140 mm	225 x 171 x 48 mm
Weight (gross)	approx. 23 kg	approx. 31 kg	approx. 1.7 kg
Order no.	63100	63250	68300

3 years warranty on material and manufacturing. We reserve the right to make technical alterations. We do not assume liability for errors in printing or typing.