



2mag STIRRING DRYBATH 15-250

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. Schott) and for 400 ml beaker glasses.

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

Technical data

Type	DRYBATH 15-100	DRYBATH 15-250
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 (max.)	40 W	
Power setting	25/50/75/100% (4-steps)	
Max. temperature	+200 °C	
Speed range	100 - 2,000 rpm	
Electrical data	230 volts / 1.000 watts	
Dimensions (WxDxH)	295 x 445 x 110	345 x 525 x 140
Weight (gross)	approx. 23 kg	approx. 31 kg
Order no. with BasicControl	61100	61250
Order no. with SafeControl	62100	62250

Incl. separate control unit for operation of magnetic stirrer and integrated heater.

Optional

2mag SAFECONTROL
Control unit with independent adjustable over-temperature protection for the additional protection of the heating controller against technical defects or unintended operation errors.

Customized versions (bore hole diameter and -depth, different unit sizes and hole patterns, coated frames for highest chemical resistance etc.) on request.

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, 15 bore holes, \varnothing 57.5 mm, depth 48 mm, distance 65 mm, suitable for 100 ml lab-flasks (e.g. Schott) 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, 4-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.

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.

