

STIRRING-HEATING BLOCKS WITH EXTERNAL CONTROL UNIT

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.

STIRRING DRYBATH 15-100 / STIRRING DRYBATH 15-250

Stirring-heating block combination with 15 bore holes, suitable for 100 ml lab-flasks and for 150 ml beaker glasses (ø 57.5 mm, depth 48 mm, distance 65 mm) or with 15 bore holes suitable for 250 ml lab-flasks and for 400 ml beaker glasses (ø 71.5 mm, depth 78 mm, distance 84 mm).

- ⌘ Fast heating-up
- ⌘ Energy-saving
- ⌘ Insulated frame
- ⌘ Durable quality
- ⌘ Developed and made in Germany

magnetic motion



Type	DRYBATH 15-100	DRYBATH 15-250
Stirring points	15	
Stirring point distance	65 mm	84 mm
Bore holes Ø/T	ø 57.5 / 48 mm	ø 71.5 / 78 mm
Stirring volume/stirring point	1 - 150 ml	1 - 400 ml
Stirring power (max.)	40 W	
Power setting	4 - 40 W (10-step)	
Temperature (max.)	+200 °C	
Speed range	100 - 2,000 rpm	
Operating voltage (max.)	230 V / 1,000 W	
Dimensions (WxDxH)	280 x 430 x 120 mm	335 x 515 x 150 mm
Protection category	IP20	
Weight (gross)	approx. 23 kg	approx. 31 kg
Order no.	63100	63250

Individual units and dimensions on request.
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.

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 setting of the stirrer, high stirring power for viscous liquids and reduced stirring power 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 - Heating plate made of resistant aluminium alloy, PTFE-coated for increased chemical resistance and easier cleaning, fast heating-up by powerful integrated electrical heater, homogenous temperature distribution, 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, independent over-temperature protection inside the plate.

Inclusive 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.

Accessories

External probe sensor Pt100

Stand for heatMIXcontrol

Reducing adapters - Inserts for reducing the bore hole diameter

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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.

STIRRING DRYBATH 8-250 ERL

Stirring-heating block combination with 8 stirring positions (ø 87.2 mm, depth 78 mm, distance 100 mm), suitable for 250 ml Erlenmeyer flasks.

- Fast heating-up
- Energy-saving
- Insulated frame
- Durable quality
- Developed and made in Germany

magnetic motion



Type	DRYBATH 8-250 ERL
Stirring points	8
Stirring point distance	100 mm
Bore holes Ø/T	ø 87.2 / 78 mm
Stirring volume/stirring point	1 - 250 ml
Stirring power (max.)	40 W
Power setting	4 - 40 W (10-step)
Temperature (max.)	+200 °C
Speed range	100 - 2,000 rpm
Operating voltage (max.)	230 V / 1,000 W
Dimensions (WxDxH)	335 x 515 x 150 mm
Protection category	IP20
Weight (gross)	approx. 38 kg
Order no.	63825

Individual units and dimensions on request.
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.

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 setting of the stirrer, high stirring power for viscous liquids and reduced stirring power 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, contact adapters for an optimal heat transfer, 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.

Inclusive 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.

Inclusive 8 contact adapters for an optimized heat transfer.

Accessories

External probe sensor Pt100
Stand for heatMIXcontrol