

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 8-250 ERL

Stirring-heating block combination with 8 stirring positions (ø 87.2 mm, depth 78 mm, distance 100/140 mm), suitable for 250 ml Erlenmeyer flasks.

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



Type	DRYBATH 8-250 ERL
Stirring points	8
Stirring point distance	100 / 140 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