

STIRRING DRYBATH, 2mag



STIRRING DRYBATH

Stirring – Motor-less, 100% wear-free magnetic stirrer, powerful, wide speed range from 100 – 2,000 rpm, 100% synchronous rotation, power setting (4-level) for high performance when stirring large and viscous volumes and reduced power for non-heated permanent operation, digital display, SoftStart.

Heating – Solid, one-piece heating block, resistant aluminium alloy, PTFE coated, long useful life, easy to clean, integrated electrical heater, fast heat-up, even temperature distribution, maximum heating temperature +200 °C, smallest possible temperature gradient in the sample vessels, low-loss energy transfer on all sides, insulated stainless steel frame, low-energy and time-saving heat-up, even temperature distribution, independent over-temperature protection.

Separate control unit **heatMIXcontrol**, operation of magnetic stirrer and heater, independently settable overtemperature limiter, ideal for unsupervised operation e.g. overnight, stainless steel housing, compact, small footprint, connection for external P100 probe, RS232 interface.

Technical data:

Stirring positions:	15	15
Stirring positions distance:	65 mm	84 mm
Stirring volume:	150 ml	400 ml
Speed range:	100 – 2,000 rpm	100 – 2,000 rpm
Stirring power:	40 W (adjustable in 4 steps, 25/50/75/100%)	
Bore holes (Ø×T):	57.5 × 48 mm	71 × 78 mm
Material heating block:	aluminium alloy, PTFE-coated	
Material frame:	stainless steel	stainless steel
Temperature:	+20 to +200°C	+20 to +200°C
Over-temperature protection:	irreversible	irreversible
Dimensions (W×D×H):	280 × 430 × 120 mm	335 × 515 × 150 mm
Weight:	approx. 20.0 kg	approx. 35.0 kg
Protection category:	IP 20	IP 20
Electrical data:	230 Volt / 1.200 Watt	230 Volt / 1.200 Watt

Article	Order No.
2mag STIRRING DRYBATH 15-100	10 18 56310

Stirring-heating block combination with 15 stirring positions, 15 bore holes, Ø 57.5 mm, depth 48 mm, distance 65 mm, suitable for 100 ml lab-flasks and for 150 ml beaker glasses

① 2mag STIRRING DRYBATH 15-250	10 18 56325
---------------------------------------	--------------------

Stirring-heating block combination with 15 stirring positions, 15 bore holes, Ø 71.5 mm, depth 78 mm, distance 84 mm, suitable for 250 ml lab-flasks and for 400 ml beaker glasses

Accessories

External probe sensor Pt100

External probe sensor Pt100 for control unit heatMIXcontrol, temperature sensor for direct controlling of the probe temperature.

Technical data:

Sensor:	Pt100
Material:	Stainless steel
Dimensions (D×L):	Ø 5 × 90 mm
Cable lenght:	1 m
Weight:	approx. 0.1 kg

Article	Order No.
② External probe sensor Pt100	10 18 56910

Stand

Stand for vertical positioning of the control unit heatMIXcontrol, incl. assembling material.

Technical data:

Material:	Stainless steel
Dimensions (W×D×H):	225 × 132 × 150 mm
Weight:	approx. 1.0 kg

Article	Order No.
③ Stand for heatMIXcontrol	10 18 56950

