

## MULTIPLE STIRRING HOTPLATES

For mass screenings, incubating or concentrating of probes, evaporating of solvents, simple and easy system integration.

### 2mag STIRRING HOTPLATE 15

**Stirring-heating plate with 15 stirring positions, incl. control unit heatMIXcontrol universally applicable for miscellaneous vessel sizes and shapes, stirring point distance 65 mm, suitable for 15 x 250 ml beaker glasses (tall form).**

#### Stirring

Powerful 15 stirring points, 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.

- 🌀 New developed magnetic stirrer
- 🌀 Maintenance- and wear-free
- 🌀 Fast heating-up
- 🌀 Energy-saving
- 🌀 For all vessel sizes and shapes
- 🌀 Simple system integration
- 🌀 Durable quality
- 🌀 3 years warranty



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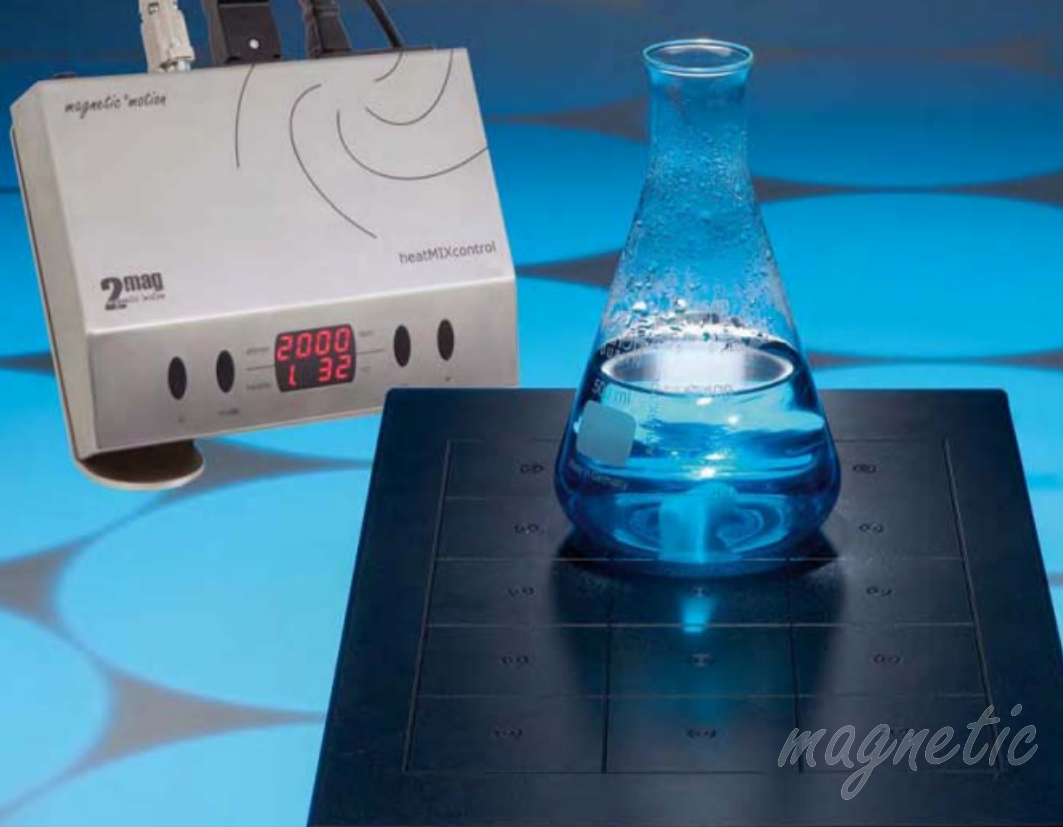
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#### Heating

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.

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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

## 2mag STIRRING HOTPLATE 6

### Stirring-heating plate with 15 stirring positions, stirring point distance 65 mm

Identical to STIRRING HOTPLATE 15, with 6 stirring positions and stirring point distance 130 mm, suitable for 6 x 1,000 ml Erlenmeyer flasks.

#### Technical data

| Type                    | HOTPLATE 6                          | HOTPLATE 15  | heatMIXcontrol         |
|-------------------------|-------------------------------------|--------------|------------------------|
| Stirring points         | 6                                   | 15           | -                      |
| Stirring point distance | 130 mm                              | 65 mm        | -                      |
| Stirring volume / point | 1 - 1,500 ml                        | 1 - 1,000 ml | -                      |
| Stirring power (max.)   | -                                   |              | 4 - 40 watts (10-step) |
| Max. temperature        | up to +200 °C                       |              | -                      |
| Speed range             | 100 - 2,000 rpm                     |              |                        |
| Operation conditions    | 0 °C up to +40 °C (at 80% humidity) |              |                        |
| Electrical data         | 230 volts / 1,200 watts             |              | 230-240 V/50-60 Hz/5A  |
| Dimensions (WxDxH)      | 250 x 430 x 75 mm                   |              | 225 x 171 x 48 mm      |
| Protection category     | IP 20                               |              |                        |
| Weight (gross)          | approx. 15 kg                       |              | approx. 1.7 kg         |
| Order no.               | 66306                               | 66315        | 68300                  |

HOTPLATE 6 and HOTPLATE 15 delivery incl. separate control unit heatMIXcontrol for operation of magnetic stirrer and integrated heater.

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.



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