

Technical Specifications

Magnetic stirrers without heating function

| Model | Hei-Mix S | Hei-Mix L |
|--|---|---|
| Speed range | 0–2,200 rpm | 100–1,400 rpm |
| Speed accuracy | ±5 % | ±2 % |
| Drive | Shaded pole motor | EC-motor |
| Operating mode | Continuous operation | Continuous operation |
| Display | – | – |
| Analogue / digital interface | – | – |
| Heating power | – | – |
| Hotplate temperature range | – | – |
| Max. medium temperature range | – | – |
| Accuracy temperature setting | – | – |
| Sensor port | – | – |
| Control accuracy with sensor in the medium | – | – |
| Sensor breakage protection | – | – |
| Heating control | – | – |
| Control accuracy hotplate | – | – |
| Residual heat indicator | – | – |
| Safety cut-out hotplate | – | – |
| Timer | – | – |
| Max. stirring capacity | H₂O 5 l | 20 l |
| Max. load | 6 kg | 25 kg |
| Power input | 7 W | 20 W |
| Diameter top plate | ∅ 104 mm | 145 mm |
| Top plate material | PVDF | Kera-Disk® aluminium alloy, coated |
| Weight | 1.1 kg | 2.9 kg |
| Dimensions | w/d/h 140×126×80 mm | 173×277×94 mm |
| Permissible ambient conditions | 5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity | 5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity |
| Protection class | DIN EN 60529 IP 21 | IP 32 |

Standard supply voltage: 230 V. Other supply voltages upon request.

Technical Specifications

Magnetic stirrers with heating function

| Hei-Standard | Hei-Tec | Hei-Connect |
|---|---|---|
| 100–1,400 rpm | 100–1,400 rpm | 100–1,400 rpm |
| ±2 % | ±2 % | ±2 % |
| EC-motor | EC-motor | EC-motor |
| Continuous operation | Continuous operation | Continuous operation |
| – | digital | digital |
| – | – | digital (RS 232) |
| 800 W | 800 W | 800 W |
| 20–300 °C | 20–300 °C | 20–300 °C |
| 250 °C | 250 °C | 250 °C |
| – | ±1 °C | ±1 °C |
| Pt 1000 | Pt 1000 | Pt 1000 |
| – | ±1 °C | ±1 °C |
| with PT 1000 | with PT 1000 | with PT 1000 |
| Micro controller | Micro controller | Micro controller |
| ±5 °C | ±5 °C | ±5 °C |
| yes | yes | yes |
| 25 °C via hotplate temperature | 25 °C via hotplate temperature | 25 °C via hotplate temperature |
| – | – | yes |
| 20 l | 20 l | 20 l |
| 25 kg | 25 kg | 25 kg |
| 825 W | 825 W | 825 W |
| 145 mm | 145 mm | 145 mm |
| Kera-Disk® aluminium alloy, coated | Kera-Disk® aluminium alloy, coated | Kera-Disk® aluminium alloy, coated |
| 2.9 kg | 2.9 kg | 2.9 kg |
| 173×277×94 mm | 173×277×94 mm | 173×277×94 mm |
| 5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity | 5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity | 5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity |
| IP 32 | IP 32 | IP 32 |

Standard supply voltage: 230 V. Other supply voltages upon request.