

MAGNETIC HOTPLATE STIRRER STR23-550



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Rugged and compact magnetic hotplate stirrers are ergonomically designed and provide uniform heating surfaces. It delivers reliable and consistent stirring quickly and efficiently. The low-profile design of these magnetic hotplate stirrers makes them easy to store and fit into fume hoods.

Used in Cell Culture, Laboratory, Research, Medical.

Also known as Laboratory Magnetic Hotplate Stirrer, Digital Magnetic Stirrer.

STR23-550 MAGNETIC HOTPLATE STIRRER

LED display target and actual temperatures

External temperature sensor PT1000 is available, display and control actual medium temperature, control accuracy of $\pm 1^{\circ}\text{C}$

Separated safety circuits, fixed safety temperature of 580°C , automatically stops heating once exceed secure temperature

HOT warning indicates residual hotplate temperature.

LCD display would show "Hot" when hotplate temperature over 50°C warning point, even if switched off



SPECIFICATIONS

| | |
|-------------------------------------|----------------------------|
| Model | STR23-550 |
| Capacity | 10 L |
| Stirring Positions | 1 |
| Speed Range | 0-1500 rpm |
| Temperature | RT- 550°C |
| Permissible Ambient Temperature | $5-40^{\circ}\text{C}$ |
| Temperature Increment | 5°C |
| Control Accuracy of Work Plate | $\pm 10^{\circ}\text{C}$ |
| Temperature Accuracy | $\pm 1^{\circ}\text{C}$ |
| Safety Temperature | 580°C |
| Control Accuracy with Sensor PT1000 | $\pm 0.5^{\circ}\text{C}$ |
| Permissible Relative Humidity | 0.8 |
| Heating Warning | 50°C |
| 15 | Motor rating output [W] |
| Heating Output | 1000 W |
| Work Plate Size | 184x184 mm |
| Stirrer Dimension | 80 mm |
| Platform Material | Glass ceramic |
| Speed Display | Scale |
| Temperature Display | LED |
| Remote Control (RS232 interface) | No |
| Motor Type | Shaded pole motor |
| Protection Class | IP21 |

| | |
|-------------------|----------------------------|
| Overall Dimension | 215Wx360Dx112H mm |
| Weight | 4.5 kg |
| Power | 1030 w |
| Power Supply | 100-120V/200-240V, 50/60Hz |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | Dimension |
|----------------|---------------------------------------|---|------------|
| LS55170 | Stirrer bar | | 10mm x 6mm |
| LS55171 | Stirrer bar | | 15mm x 8mm |
| LS55172 | Stirrer bar | | 20mm x 8mm |
| LS55173 | Stirrer bar | | 25mm x 8mm |
| LS55174 | Stirrer bar | | 30mm x 6mm |
| LS55175 | Stirrer bar | | 40mm x 8mm |
| LS55176 | Stirrer bar | | 50mm x 8mm |
| LS55177 | Stirrer bar remover | Length of 200mm | |
| LS55180 | Temperature sensor | Length of 230mm | |
| LS55181 | Temperature sensor with glass coating | Length of 230mm | |
| LS55182 | Temperature sensor | Length of 100mm | |
| LS55189 | Red quarter pie | 11 holes, 4 ml reaction vessel, Ø15.2mm, 20mm depth, used with SX1019 and SX1020 | |
| LS55190 | Purple quarter pie | 4 holes, 20 ml reaction vessel, Ø28mm, 24mm depth, used with SX1019 and SX1020 | |
| LS55191 | Blue quarter pie | 4 holes, 30 ml reaction vessel, Ø28mm, 30mm depth, used with SX1019 and SX1020 | |
| LS55192 | Black quarter pie | 4 holes, 40 ml reaction vessel, Ø28mm, 43mm depth, used with SX1019 and SX1020 | |
| LS55193 | Green quarter pie | 6 holes, 8ml reaction vessel, Ø17.8mm, 26mm depth, used with SX1019 and SX1020 | |
| LS55194 | Golden quarter pie | 4 holes, 16ml reaction vessel, Ø21.6mm, 31.7mm depth, used with SX1019 and SX1020 | |
| LS55195 | Stirrer bar | Stirrer bar (65mm x 8mm), 1pc/pk | |
| LS55196 | Stirrer bar | Stirrer bar (80mm x 13mm), 1pc/pk | |

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