

MAGNETIC HOTPLATE STIRRER STR21-280



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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.

STR21-280 MAGNETIC HOTPLATE STIRRER

Heating temperature up to 280°C

Stainless steel with ceramic coated hotplate resists to corrosion

External temperature sensor PT1000 is available and control accuracy of $\pm 1^\circ\text{C}$, real-time control medium temperature.

LED display temperature and speed.

50°C HOT warning indicates residual hotplate temperature.

ABS casing with fire retardant material, resistance of weak acid and alkali



SPECIFICATIONS

| | |
|-------------------------------------|---|
| Model | STR21-280 |
| Capacity | 3 L |
| Stirring Positions | 1 |
| Speed Range | 100-1500 rpm |
| Temperature | RT-280°C |
| Permissible Ambient Temperature | 5-40°C |
| Temperature Increment | 1°C |
| Control Accuracy of Work Plate | $\pm 1 (< 100^\circ\text{C})$, $\pm 1\% (> 100^\circ\text{C})$ |
| Temperature Accuracy | $\pm 1^\circ\text{C}$ |
| Safety Temperature | 320°C |
| Control Accuracy with Sensor PT1000 | $\pm 0.5^\circ\text{C}$ |
| Permissible Relative Humidity | 0.8 |
| Heating Warning | 50°C |
| 5 | Motor rating output [W] |
| Heating Output | 500 W |
| Work Plate Size | 135 mm |
| Stirrer Dimension | 50 mm |
| Platform Material | Stainless steel with ceramic coating |
| Speed Display | LED |
| Temperature Display | LED |
| Remote Control (RS232 interface) | No |
| Motor Type | Brushless DC motor |
| Protection Class | IP21 |

| | |
|-------------------|----------------------------|
| Overall Dimension | 150Wx260Dx80H mm |
| Weight | 1.8 kg |
| Power | 515 W |
| Power Supply | 100-120V/200-240V, 50/60Hz |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | Dimension |
|----------------|---------------------------------------|---|------------|
| LS52966 | Support clamp of PT1000 | | |
| 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 | |
| LS55183 | Reaction block | For 50ml round bottom flask (one flask capacity) | |
| LS55184 | Reaction block | For 100ml round bottom flask (one flask capacity) | |
| LS55185 | Reaction block | For 250ml round bottom flask (one flask capacity) | |
| LS55186 | Reaction block | For 500ml round bottom flask (one flask capacity) | |
| LS55198 | Protective cover | | |



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