



## DIGITAL HOTPLATE STIRRERS

Digital Hotplate Stirrers are ideal for general lab applications such as mixing reagents and stirring bacteriological cultures. Constructed of anodized high grade aluminum alloy (MS-01HA) or white glass ceramic (MS-01H7A And MS-01H10A) ensures these units are durable and highly resistant to corrosion. The aluminum body and brushless motor provide maintenance free operation.



MS-01H7A  
Ceramic Digital Hot-Plate Stirrer



MS-01HA  
Digital Hot-Plate Stirrer



MS-01H10A  
Large Capacity Digital  
Hotplate Stirrer

### PRODUCT FEATURES:

- Fast heat time is less than 8 minutes for plates to rise from ambient to 300°C
- Brushless DC motor provides accurate stirring speed and maintenance free operation
- These plates have strong magnets to prevent loss of stirring speed.
- When the plate is hot during operation a warning light flashes
- Automatic shut-off if plate's temperature exceeds model limits or shows no temperature rise after 30 seconds of heating
- External temperature probe connector



For over 25 years Crystal Technology and Industries has been driven to deliver exceptional value to the scientific marketplace by developing innovative equipment and Cryo Storage Solutions for today's scientist.



# Digital HotPlate Stirrers

Fast even heating with strong magnets that provide superior results

## Specifications

| Model                                    | MS-01HA  | MS-01H7A                         | MS-01H10A                                    |
|--|--|----------------------------------|--|
| Product Name                             | Digital Hotplate Stirrer                         | Ceramic Digital Hotplate Stirrer | Large Capacity Digital Hotplate Stirrer      |
| Speed                                    | 0, 80~1500 RPM                                   |                                  |  |
| Speed Resolution                         | 10 RPM   |                                  |  |
| Plate Temperature                        | Ambient ~ 300°C                                  | Ambient ~ 540°C                  |  |
| Temperature Accuracy                     | @100°C: ≤±10°C                                   |                                  |  |
| Temperature Stability                    | @100°C: ≤±5°C                                    |                                  |  |
| Temperature Resolution                   | 0.1°C  |                                  |  |
| Safety Shut Off Temperature              | 360°C  | 580°C                            |  |
| Max Stirrer Bar Length                   | 80 mm (3.1 in)                                   |                                  |  |
| Platform Size                            | 175 x 175 mm<br>(6.9 x 6.9 in)                   |                                  | 254 x 254 mm<br>(10 x 10 in)                 |
| Capacity                                 | 10L  |                                  | 20L  |
| Platform Material                        | Aluminum   | Ceramic                          |  |
| Number of Stirring Postions              | 1  |                                  |  |
| Accessory Included in Standard Packaging | MSA15 Stirrer Bar<br>Ø12x50 mm (Ø0.47 x 1.97 in) |                                  |  |
| Display                                  | LCD  |                                  |  |
| Operating Environment                    | Ambient Temperature: 5°C~40°C                    |                                  |  |
|  | Relative Humidity: ≤80%                          |                                  |  |
| Power Supply                             | AC110V±11V, 60Hz                                 |                                  |  |
| Max Power Consumption                    | 1000W  |                                  | 1500W  |
| Dimensions WxDxH                         | 240 x 355 x129 mm<br>(9.5 x 14.0 x 5.1 in)       |                                  | 299 x 442 x 152 mm<br>(11.8 x 17.4 x 6.0 in) |
| Net Weight                               | 4.5 kg (9.9 lb)                                  |                                  | 6.9 kg (15.2 lb)                             |
| IP Protection Rating                     | IP21   |                                  |  |