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Articles
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## “witeg” **WiseStir® MSH-50A** Premium Compact Hotplate Stirrer, Round-Type Plate, $\phi$ 135 mm Ceramic Coated or Anodized Plate, Superior Temperature Uniformity, Precise Control of Temp. & RPM, up to 380 °C, 1.500 rpm

- Superior Temperature Uniformity : Less than 10 % on the Plate at Ambient Temperature
- Superior Linearity for the Control of Temperature & Stirring Speed
- Ceramic Coated Plate (MSH-50A) for Chemical/Acid Resistance or Anodized Plate (MSH-55A) for Scratch Prevention
- CE Certified

- \* Excellent for Sample Drying and most General Lab Heating Applications.
- \* Superior Temperature Uniformity : Less than 10 % on the Plate at Ambient Temperature.
- \* Superior Linearity for Temperature Control & Stirring Speed by Specially Designed Control Circuitry. (PWM Control)
- \* Smart Design of Body made by Aluminum Die-Casting.
- \* Ceramic Coated Plate (MSH-50A) for Chemical/Acid Resistance or Anodized Plate (MSH-55A) for Scratch Prevention.
- \* Maximum Temperature of 400 °C

### Specification

Models	Ceramic Coated Aluminum Plate “MSH-50A”	Black Anodized Aluminum Plate “MSH-55A”
Features	Good Resistance of Chemicals & Acid, Easy to Clean	Prevention of Crack or Chip, and More Even Heating Surface
Plate Size(mm)	$\phi$ 135	
Stirring Capa. & Motor Rating	Max. 20 Lit.(H <sub>2</sub> O), 9/4W	
Speed Range	Max. 1.500 rpm	
Temp. Range	Max. 400 °C (Over 70°C)	
Temp. Uniformity	Specially Designed Heating Module : Temp. Difference 10% less	
Heating Power/Consumption	400 W	
Controller	Digital Feedback Controller with Jog Shuttle Switch (Turn+Push)	
Stirring Bar	3cm bar-included, Usable : up to 5cm bar	
Permissible Temp. & RH %	Ambient +5 ~ 50°C, 85% RH	
Dimension & Weight	w160 × d280 × h95mm, 2,3kg	
Packing Size & Gross Weight	w400 × d280 × h200mm, 4 kg	
Power plug type	Hybrid E+F	
Power Supply*	AC 230V, 1N~, 50/60Hz	

\* Other Specifications are available upon Customer's Request.

### Ordering Information

#### With Ceramic Coated Plate, “MSH-50A” Package-set & Unit

**DH.WMH03150** Hotplate Stirrer, **MSH-50A**,  $\phi$  135 mm, Ceramic Coated Plate, 0~1.500 rpm, to 380 °C

#### With Black Al-anodized Plate, “MSH-55A” Package-set & Unit

**DH.WMH03155** Hotplate Stirrer, **MSH-55A**,  $\phi$  135 mm, Anodized Plate, 0~1.500 rpm, to 380 °C

#### Additional Function Accessories

**DH.WHP503036** Stand Rod, **RD200**, Stainless Steel,  $\phi$  12 × L 450 mm, for **HP-20A / 20D, MSH-20A / 20D MSH-50A/55A, MSH-50D / 55D** and **SMHS**

**DH.WHP503012** Holder + Clamp, **CL220**, for Temperature Sensor

※ You will find matching beakers and flasks in our general catalogue at following pages : 33, 34, 293–296.

※ You will find matching stirring bars in our general catalogue at following pages : 362, 363.



Premium Compact Hotplate Stirrer, Round Type & Anodized Plate (MSH-55A)



Premium Compact Hotplate Stirrer, Round Type & Ceramic-Coated Plate (MSH-50A)