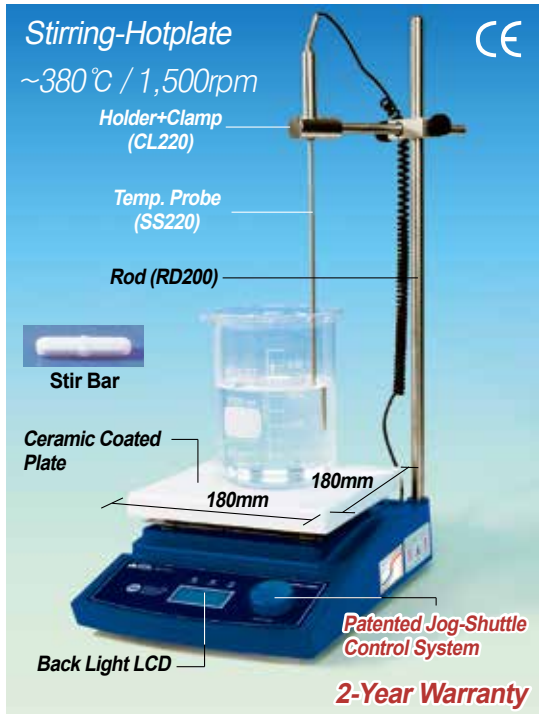
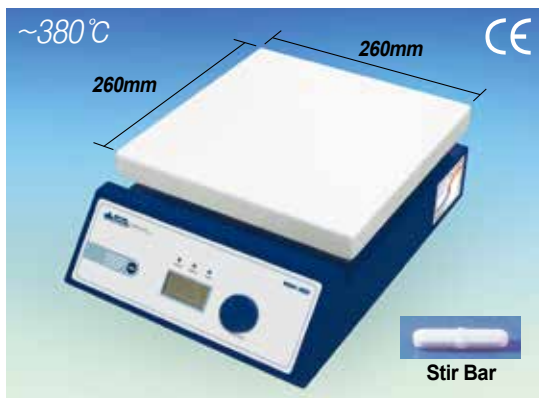


| Cat. No | Description | Articles |
|---------|-------------|----------|
|---------|-------------|----------|

DAIHAN-brand® 380°C Digital Hotplate Stirrer “MSH-D”, Ceramic-Coated Plate, ±0.3°C, with Certi. & Traceability with Digital Feedback Control, Accurate Temp. Control, 180×180mm- or 260×260mm-Plate, 80 ~ 1,500 rpm
디지털 가열 자력 교반기, 디지털 피드백 온도 제어, 우수한 온도균일성, 세라믹 코팅 플레이트



(a) 180×180mm Plate-type Digital Precise Hotplate “MSH-20D” Package-set



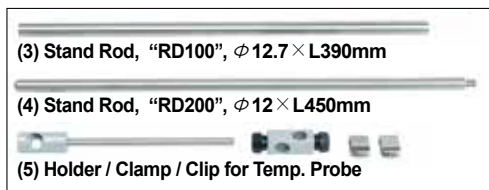
(b) 180×180mm Plate-type Digital Precise Hotplate “MSH-30D” Unit only



External/Direct Contact Temp. Probe



External/Direct Contact Temp. Probe, Teflon Coated



- Made in Korea ■ CE Certified ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Digital Feedback Control by High-Performance Microprocessor
- Patented Jog-Shuttle Control System
- * User’s Self-Compensation Function : to Control Difference between Real Temp. and Indicated Temp. (±20.0°C)
- * Accurate Temp. Control of the Sample in the Vessel using PT100 Sensor (Optional)
- * Storage Function for the set Values : Temp. and Timer
- * Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)
- * Superior Temperature Uniformity : less than 10% on the Plate at Ambient Temperature

Specifications & Ordering information

| Spec. | Model | (a) “MSH-20D” | (b) “MSH-30D” |
|-------------------------------|-------|---|--------------------------|
| Plate Size(mm) | | 180 × 180mm Plate-type | 260 × 260mm Plate-type |
| Material | Body | Powder Coated Aluminum | Powder Coated steel |
| | Plate | Ceramic Coated Aluminum (Chemical / Acid Resistance, Easy to Clean) | |
| Stirring Capa. & Motor Rating | | Max. 20 Lit., 9 / 4 W | |
| Speed & Control Resolution | | 80 ~ 1,500 rpm, 5 rpm | |
| Temp. Range & Accuracy | | Max. 380°C, ±0.3°C at Set Temperature | |
| Temp. Resolution | | 0.1 °C-Display, 0.5 °C-Control | |
| Temp. Uniformity | | Specially Designed Heating Module : Temp. Difference 10% less | |
| Heating Power/Consumption | | 600W | 1.2 kW |
| Timer & Alarm | | 99hr 59min (with Continuous run.), Error status & Timer-end | |
| Display | | Digital LCD with Back-Light Function | |
| Controller | | Digital Feedback Controller with Jog Shuttle Switch (Turn+Push) | |
| Stirring Bar | | 3cm bar-included, Usable : up to 5cm bar | |
| Safety Circuit | | Over Temp. Protection | |
| Permissible Temp. & RH % | | Ambient +5 ~ 50°C, 85% RH | |
| Dimension & Weight | | 206 × 307 × h99mm, 3.3kg | 286 × 387 × h99mm, 3.5kg |
| Packing Size & Gross Weight | | 400 × 280 × h200mm, 5 kg | 430 × 320 × h200mm, 5 kg |
| Electrical Reqts. | | 1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz | |

| Unit only | | | |
|----------------|------|-------------|-------------|
| Cat. No. | 230V | DH.WMH03020 | DH.WMH03022 |
| | 120V | DH.WMH02020 | DH.WMH02022 |
| Price, Each. ₩ | | | |

| * External Temp. Probe Package-set | | | |
|------------------------------------|------|-------------|-------------|
| Cat. No. | 230V | DH.WMH03021 | DH.WMH03023 |
| | 120V | DH.WMH02021 | DH.WMH02023 |
| Price, Each. ₩ | | | |

* Other Specifications are available upon Customer’s Request.

Component of Package-set

- * “MSH-20D” Package-set : Complete with ① Hotplate Unit ② : “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD200” Stainless steel Support Rod φ 12×L450mm ④ “CL220” Holder+Clamp for External Temp. Probe
- * “MSH-30D” Package-set : Complete with ① Hotplate Unit ② : “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD100” Stainless steel Support Rod φ 12×L450mm ④ “CL220” Holder+Clamp for External Temp. Probe

Optional External Temp Probes/Stand Rods/Holder, Clamp, Clip

- DH.WHP503060 (1) Direct Contact Temp. Probe, “SS500”, “PT100”, Probe φ 4×L250mm, Cable L190mm
- DH.WHP503061 (2) Direct Contact Teflon Coated Temp. Probe, “SS510”, Probe φ 4×L250mm, Cable L190mm
- DH.WHP503011 (3) Stand Rod, “RD100”, Stainless steel, φ 12.7×L450mm for “HP-30A/30D”, “MSH-30A/30D”, Non-screw
- DH.WHP503036 (4) Stand Rod, “RD200”, Stainless steel, φ 12×L450mm for “HP-20A/20D”, “MSH-20A/20D”, “MSH-50A/55A”, “MSH-50D/55D” and “SMHS”, Screw
- DH.WHP503012 (5) Holder/ Clamp / Clip, “CL220”, for Temp. Probe

| Ea. Price, ₩ |
|--------------|
| |