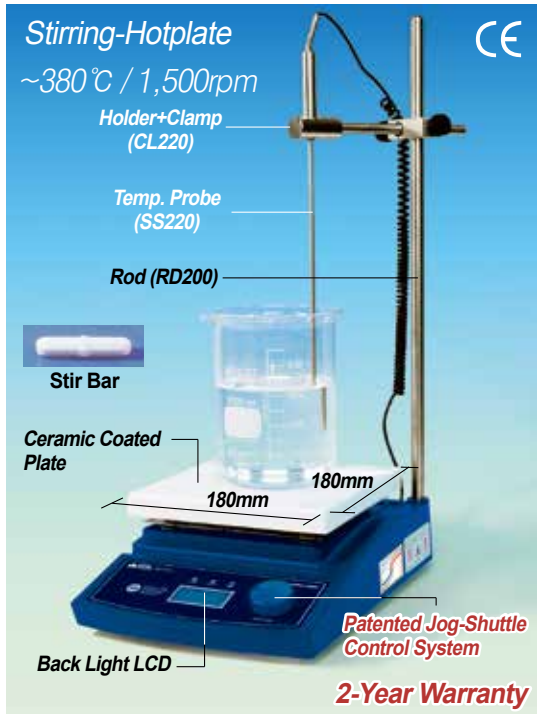
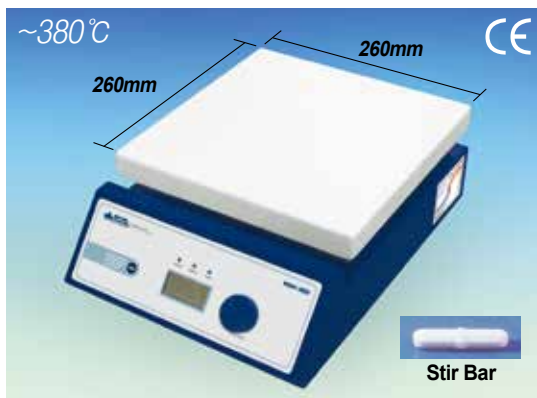


Cat. No	Description	Articles
---------	-------------	----------

**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



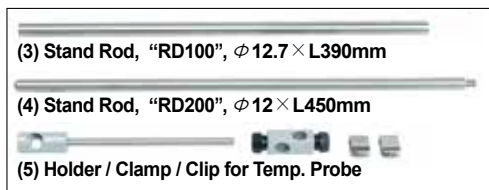
(b) 180×180mm Plate-type Digital Precise Hotplate “MSH-30D” Unit only



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

		Ea. Price, ₩
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	