Cat. No	Description	Articles

DAIHAN-brand® Digital Precise Hotplate, "HP-D" Ceramic-Coated Plate, up to 380℃, ±0.3℃, with Certi. & Traceability
with Digital Feedback Control System, Back Light LCD, 180×180mm− or 260×260mm−Plate

- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **Patented Jog-Shuttle Control System**
- **CE Certified**　　■ **PL(Product Liability) Insurance**

∗ Digital Feedback Control by High-Performance Microprocessor
∗ Smart Design of Body made by Aluminum Die-Casting (HP-20D)
∗ Ceramic Coated Plate-Chemical/Acid Resistance　　∗ Digital LCD with Back-Light Function
∗ Superior Temperature Uniformity : less than 10% on the Plate at Ambient Temperature
∗ Accurate Temp. Control of the Sample in the Vessel using PT100 Sensor (optional)
∗ Locking Mode for Experimental Safety Supported (Input to Jog Shuttle can be disabled)
∗ User's Self-Compensation Function : to Control Difference between Real Temp.
　　　　　　　　　　　　　and Indicated Temp. (±20.0℃)

180×180mm Plate-type Digital Precise Hotplate "HP-20D" Package-set

Specification

Plate Size(mm) & Models		180×180mm Plate-type "HP-20D"	260×260mm Plate-type "HP-30D"
Material	Body	Powder Coated Aluminum	Powder Coated steel
	Plate	Ceramic Coated Aluminum (Chemical / Acid Resistance, Easy to Clean)	
Temp. Range & Accuracy		Max. 380℃, ±0.3℃ at Set Temperature	
Temp. Resolution		0.1 ℃-Display, 0.5 ℃-Control	
Temp. Uniformity		Specially Designed Heating Module : Temp. Difference 10% less	
Heating Power/Consumption		600 W	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)	
Safety Circuit		Over Temp. Protection	
Permissible Temp. & RH %		Ambient +5 ~ 50℃, 85% RH	
Dimension & Weight		206×307×h99mm, 2.8kg	286×387×h99mm, 3.2kg
Packing Size & Gross Weight		400×280×h200mm, 5 kg	430×320×h200hmm, 5 kg
Power Supply & Cord/Plug*		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	

∗ Other Specifications are available upon Customer's Request.

Ordering Information

∗ **"HP-20D"**Package-set : Complete with ① Hotplate Unit ② : **"SS200"** PT100 External / Direct Contact Temp. Probe,
　　　　　　　③ **"RD200"** Stainless steel Support Rod ∅12×L450mm
　　　　　　　④ **"CL220"**Holder + Clamp for External Temp. Probe
∗ **"HP-30D"**Package-set : Complete with ① Hotplate Unit ② : **"SS100"** PT100 External / Direct Contact Temp. Probe,
　　　　　　　③ **"RD100"** Stainless steel Support Rod ∅12×L450mm
　　　　　　　④ **"CL220"**Holder + Clamp for External Temp. Probe

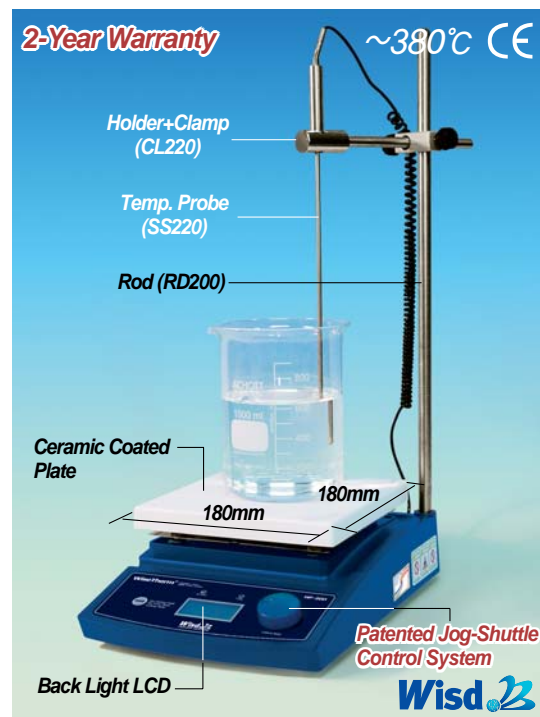### With 180×180mm Plate-type, "HP-20D" Package-set & Unit
DH.WHP03021	180×180mm Plate-type, **Package-set, 230V**
DH.WHP02021	, 120V
DH.WHP03020	180×180mm Plate-type, **Unit** only, **230V**
DH.WHP02020	, 120V

With 260×260mm Plate-type, "HP-30D" Package-set & Unit
DH.WHP03023	260×260mm Plate-type, **Package-set, 230V**
DH.WHP02023	, 120V
DH.WHP03022	260×260mm Plate-type, **Unit** only, **230V**
DH.WHP02022	, 120V

180×180mm Plate-type Digital Precise Hotplate "HP-30D" Unit only

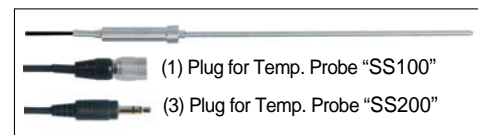### Additional Function Accessories
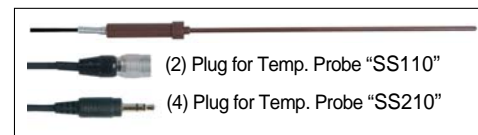|	
DH.WHP503020	(1) External / Direct Contact Temp. Probe, **"SS100"**, PT100, for **"HP-30D"**, **"MSH-30D"** and **"SMHS"** Probe ∅4×L250mm, Cable L190mm
DH.WHP503021	(2) External / Direct Contact Temp. Probe, **"SS110"**, PT100, **Teflon Coated**, for **"HP-30D", "MSH-30D", "SMHS"** Probe ∅4×L250mm, Cable L190mm
DH.WHP503030	(3) External / Direct Contact Temp. Probe, **"SS200"**, PT100, for **"HP-20D", "MSH-20D"** Probe ∅4×L250mm, Cable L190mm
DH.WHP503031	(4) External / Direct Contact Temp. Probe, **"SS210"**, PT100, **Teflon Coated**, for **"HP-20D", "MSH-20D"** Probe ∅4×L250mm, Cable L190mm
DH.WHP503011	(5) Stand Rod, **"RD100"**, Stainless steel, ∅12.7×L450mm for **"HP-30A/30D", "MSH-30A/30D,** Non-screw
DH.WHP503036	(6) Stand Rod, **"RD200"**, Stainless steel, ∅12×L450mm for **"HP-20A/20D", "MSH-20A/20D", "MSH-50A/55A"**, **"MSH-50D/55D"** and **"SMHS"**, Screw
DH.WHP503012	(7) Holder/ Clamp / Clip, **"CL220"**, for Temp. Probe

External/Direct Contact Temp. Probe

(1) Plug for Temp. Probe "SS100"
(3) Plug for Temp. Probe "SS200"

External/Direct Contact Temp. Probe, Teflon Coated

(2) Plug for Temp. Probe "SS110"
(4) Plug for Temp. Probe "SS210"

(5) Stand Rod, "RD100", ∅12.7×L390mm
(6) Stand Rod, "RD200", ∅12×L450mm
(7) Holder / Clamp / Clip for Temp. Probe