Articles	Cat. No	Description

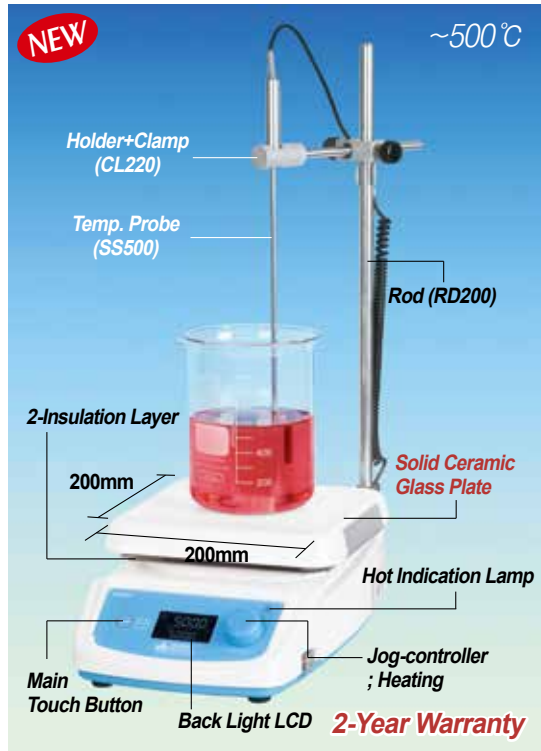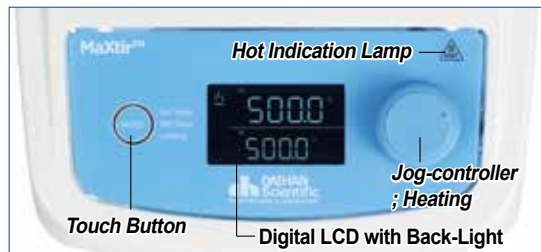## DAIHAN-brand® *New* 500℃ Hi-Temp. Hotplates "MaXtir™ HP500", Solid Ceramic Glass Plate, 200×200mm NEW
with Large LCD, Optimum Insulation Layer. Accurate Temp. Control, Touch-button Controller, Hot-Top Indicator, Max. 500℃, Accu. ±0.3℃

고온용 디지털 가열판, PID 온도 제어, 최적의 방열구조, 내열성/내화학성/내산성 솔리드 세라믹 글라스 플레이트

~500℃

- Holder+Clamp (CL220)
- Temp. Probe (SS500)
- Rod (RD200)
- 2-Insulation Layer
- 200mm
- 200mm
- Solid Ceramic Glass Plate
- Hot Indication Lamp
- Main Touch Button
- Back Light LCD
- Jog-controller ; Heating
- 2-Year Warranty

(a) "MaXtir™ HP500" Package-set

(b) "MaXtir™ HP500" Unit only

- MaXtir™
- Hot Indication Lamp
- Touch Button
- Digital LCD with Back-Light
- Jog-controller ; Heating

New Generation Controller of "MaXtir™ HP500"

(1) Plug for Temp. Probe "SS500"

External/Direct Contact Temp. Probe

(2) Plug for Temp. Probe "SS510"

External/Direct Contact Temp. Probe, Teflon Coated

(3) Stand Rod, "RD200", φ12×L450mm

(4) Holder / Clamp / Clip for Temp. Probe

- ■ **Made in Korea**   ■ **PL (Product Liability) Insurance**
- ■ **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- ■ *High-quality Solid Ceramic Glass Plate : Heat-/Chemical-/Acid-Resistance and Easy to Clean*
- ■ *Optimum Insulation Fourfold Layers : BTU + Ceramic Paper + 2×SUS Insulation Layers*
- ■ **Maximum Temperature of 500℃**   ■ **Ergonomic Design**
- ■ **Microprocessor PID control**
- ■ **Patented Controller "Jog-Dial" and Main Touch Button - Best Durability, Best Mobility, Best Convenient to Operate with Back-Light Function**
- ■ **2×Internal K-type Temp. Sensor Operating Independently : 1×Temp. Control Sensor for Temperature Accuracy and 1×Over Temp. Detection Sensor for User Safety**
- ■ **Hot Top Indicator LED Lamp : Hot Surface(Over 50℃) Warning Lamp for User Safety**

∗ Excellent for Sample Drying and most General Lab Heating Applications
∗ User´s Self -Compensation Function : to Control Difference between Real Temp. and Indicated Temp. (±20.0℃)
∗ Accurate Temp. Control of the Sample in the Vessel using PT100 Sensor (Optional)
∗ Storage Function for the set Values : Temp. and Timer
∗ Minimization of Noise and Improved the Product Life
∗ Use of the Special Advanced Insulation for the safety of the Body Temp.
∗ Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be Disabled)

Specifications & Ordering information

Spec.	Model	(a) "MaXtir™ HP500" (Package-set)	(b) "MaXtir™ HP500" (Unit Only)
Material	Body	Powder Coated Aluminum	
	Plate	Solid Ceramic Glass Plate, 200×200mm	
Stirring Capa.		Max. 20 Lit.	
Temp. Range & Accuracy		Max. 500℃, ±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		850W	
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end	
Display		Digital LCD with Back-Light Function	
Controller		Digital Feedback Controller with Jog Dial (Turn+Push) and Touch button.	
Safety Circuit		Over Temp. Protection Hot Top Indicator LED Lamp	
Included Standard Acc.		Unit, ∗ External Temp Probe-set	Unit Only
Permissible Temp. & RH %		Ambient +5 ~ 50℃, 85% RH	
Dimension & Weight		200×332×h114mm, 3.8kg	
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	
Cat. No.	230V	DH.WHP01500	DH.WHP00500
	120V	DH.WHP01501	DH.WHP00501
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

Component of Package-set

∗ External Temp Probe-set : ① Hotplate Unit ② **"SS500"** PT100 External / Direct Contact Temp. Probe,
③ **"RD200"** Stainless steel Support Rod φ12×L450mm
④ **"CL220"** Holder+Clamp for External Temp. Probe with stir Bar

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

		Ea. Price, ₩
DH.WHP503060	(1) Direct Contact Temp. Probe, **"SS500", "PT100"**, Probe φ4×L250mm, Cable L190mm	
DH.WHP503061	(2) Direct Contact **Teflon Coated** Temp. Probe, **"SS510"**, Probe φ4×L250mm, Cable L190mm	
DH.WHP503036	(3) Stand Rod, **"RD200"**, Stainless steel, φ12×L450mm, Screw, for **"MaXtir™ HP500", "MaXtir™ MSH500"**	
DH.WHP503012	(4) Holder/Clamp/Clip, **"CL220"**, for Temp. Probe	