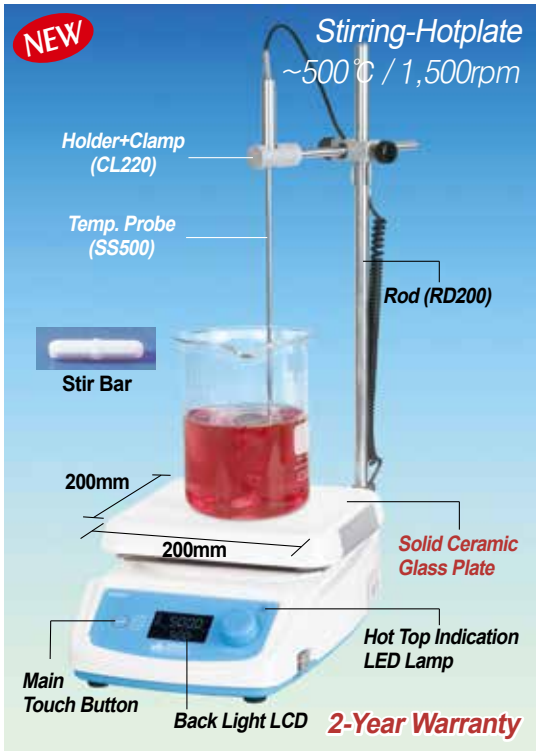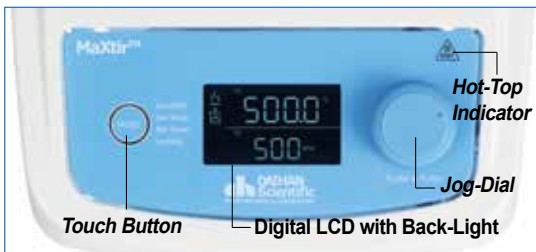| Articles	Cat. No	Description

DAIHAN-brand® *New* 500℃ Hi-Temp. Hotplate Stirrers, "MaXtir™ MSH500", Solid Ceramic Glass Plate, 200×200mm with Large LCD, Optimum Insulation Layer. Accurate Temp. Control, Touch-button Controller, Hot-Top Indicator, Max. 500℃, Accu. ±0.3℃
고온용 디지털 가열 자력 교반기, 최적의 방열구조, 디지털 피드백 온도 제어, 내열성/내화학성/내산성 솔리드 세라믹 글라스 플레이트 **NEW**

Stirring-Hotplate ~500℃ / 1,500rpm

Holder+Clamp (CL220)
Temp. Probe (SS500)
Rod (RD200)
Stir Bar
200mm
200mm
Solid Ceramic Glass Plate
Hot Top Indication LED Lamp
Main Touch Button
Back Light LCD **2-Year Warranty**

(a) "MaXtir™ MSH500" Package-set

Stir Bar

(b) "MaXtir™ MSH500" Unit only

Touch Button
Hot-Top Indicator
Jog-Dial
Digital LCD with Back-Light

New Generation Controller of "MaXtir™ MSH500" model

(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*   ■ *Ergonomic Design*
■ *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 Layers*
■ *Brushless Shade Motor & Powerful Magnet ensures Powerful Stirring and Precise Speed Control, Minimization Noise*
■ *Maximum Temperature of 500℃*   ■ *Microprocessor PID control*
■ *Patented 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™ MSH500" (Package-set)	(b) "MaXtir™ MSH500" (Unit Only)
Material	Body	Powder Coated Aluminum	
	Plate	Solid Ceramic Glass Plate, 200×200mm	
Stirring Capa.		Max. 20 Lit.	
Speed & Control Resolution		80 ~ 1,500 rpm, 5 rpm	
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.	
Stirring Bar		3cm bar-included, Usable : up to 5cm bar	
Safety Circuit		Over Temp. Protection, Hot Top Indicator LED Lamp	
included Standard Acc.		Unit, *External Temp Probe-set, with 1ea Stir Bar	Unit with 1ea Stir Bar
Permissible Temp. & RH %		Ambient +5 ~ 50℃, 85% RH	
Dimension & Weight		220×332×h114mm, 3.8kg	
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz, with Cord/Plug	
Cat. No.	230V	DH.WMH00500	DH.WMH01500
	120V	DH.WMH00501	DH.WMH01501
Price, Each. ₩		480,000	420,000

* Other Specifications are available upon Customer's Request.

Component of Package-set

* Package-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

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,	54,000
DH.WHP503061	(2) Direct Contact **Teflon Coated** Temp. Probe, "SS510", Probe Φ4×L250mm, Cable L190mm,	65,000
DH.WHP503036	(3) Stand Rod, "RD200", Stainless steel, Φ12×L450mm, Screw, for "MaXtir™ HP500", "MaXtir™ MSH500"	20,000
DH.WHP503012	(4) Holder/Clamp/Clip, "CL220", for Temp. Probe	25,000