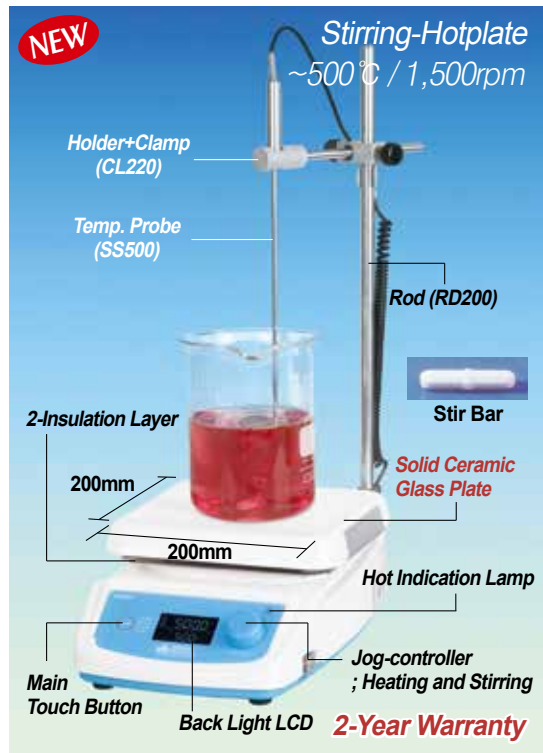


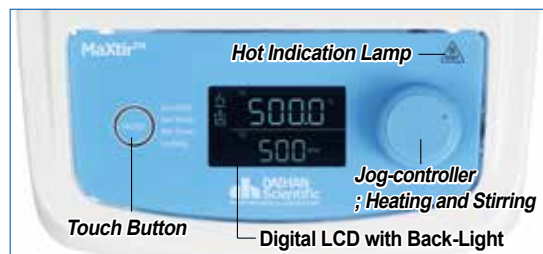
DAIHAN-brand® **New** 500°C Hi-Temp. Hotplate Stirrers “MaXtir™ MSH500”, Solid Ceramic Glass Plate, 200×200mm with Large LCD, Optimum Insulation Layer. Accurate Temp. Control, Touch-button Controller, Hot-Top Indicator, Max. 500°C, Accu. ±0.3°C 고온용 디지털 가열 자력 교반기, 최적의 방열구조, 디지털 피드백 온도 제어, 내열성/내화학성/내산성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



(a) “MaXtir™ MSH500” Package-set



(b) “MaXtir™ MSH500” Unit only



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”, φ 12×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 Insulation Layers
- Brushless Shade Motor & Powerful Magnet ensures Powerful Stirring and Precise Speed Control, Minimization Noise
- Maximum Temperature of 500°C
- 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°C) 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°C)
- \* 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°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 |       |       | 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°C, 85% RH   |                                  |
| Dimension & Weight          |       |       | 200×332×h114mm, 3.8kg   |                                  |
| Electrical Reqt.s.          |       |       | 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. ₩              |       |       |   |                                  |

\* 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 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.WHP503036 (3) Stand Rod, “RD200”, Stainless steel, φ 12×L450mm, Screw, for “MaXtir™ HP500”, “MaXtir™ MSH500”
- DH.WHP503012 (4) Holder/Clamp/Clip, “CL220”, for Temp. Probe

Ea. Price, ₩