

Hotplate & Hotplate Stirrer

Hotplate, 380°C, Analog & Digital P. 103
 , 500°C, Solid Ceramic Glass Plate P. 101~102
 , 600°C, Hi-Light **New** P. 101
 , Large Plate, 350°C P. 104

Hotplate Stirrer, 380°C, Analog & Digital P. 106
 , 500°C, Solid Ceramic Glass Plate P. 105
 , Systematic Multi-plate, 350°C P. 107



**380°C Digital Precise
Hotplate**
"MSH-20D" Package Set



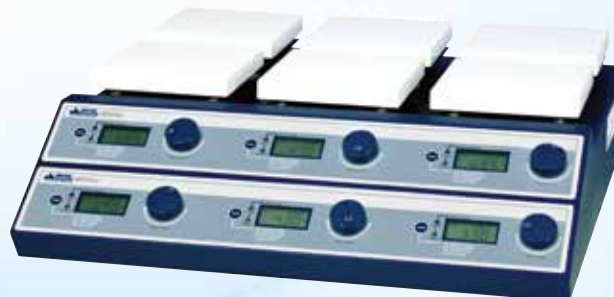
**600°C Hi-Light
Hotplate**
"HP-D165"



**500°C Hi-temp.
Digital Hotplate Stirrer**
"MaXtir™ MSH500"



350°C Large Plate Digital Hotplate
"HPLP-C-P"



Systematic Multi-Hotplate Stirrer
"SMHS-6"

Wisdom 600 °C High-temp Hi-Light Hotplate "HP-D165" & "HP-D200", Digital Control **NEW**
 With Schott NEXTREMA® Ceramic Glass Plate, Hi-Light Heating Element, ϕ 165 & ϕ 200mm, 다용도 고온가열판



High-temp. Hi-Light Hotplate, "HP-D165"

- Made in Korea ■ PL(Product Liability) Insurance
- Patented Jog Dial Control System
- Hi-Light Heating Element & Schott NEXTREMA® Ceramic Glass Plate.
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- * High Temperature Indication LED Lamp for prevention of Burn.
- * Can be used with External Temperature Probe.
 (Please see "Measuring, Thermometer" Section for Optional External Temp Probes)

Specifications & Ordering Information

Spec.	Model	"HP-D165" ϕ 165mm Heating Zone	"HP-D200" ϕ 200mm Heating Zone
Temp. Range & Accuracy		Max. 600 °C & \pm 1°C	
Heater & Heating Power		Hi-Light Heating Element 1,100W	Hi-Light Heating Element 1,800W
Plate Size & Heating Zone		220×256 mm, ϕ 165mm	255×300 mm, ϕ 200mm
Controller & Display		Digital PID Controller and LED Display	
Material		Plate : Schott NEXTREMA® Ceramic Glass Plate Housing : PBT	
Dimension(w×d×h) & Weight		231×276×h65mm, 3kg	266×311×h65mm, 4kg
Electrical Reqts.		1Phase, AC230V, 50/60Hz	
Cat. No.		DH.HtpD0165	DH.HtpD0200
Price, Each. ₩			

※ NOTE : Design and Specification can be changed when it's released

Maximum Convenience by Advanced Digital Technology

DAIHAN® 500°C High Temp Premium Hotplate, Solid Ceramic Glass Plate



1. High-quality Ceramic Glass Plate

Achieved the maximum temperature of 500°C by using High-quality Ceramic Glass Plate which can resist up to 700°C
 Superior Heat-/Acid-/Chemical-resistant and Easy-to-Clean Plate

2. Hot-top Indicator for User Safety

The Indicator Lamp illuminates while temperature on the Plate Surface is over 50°C regardless power on/off.
 Prevention from a fire or a burn caused by operation at high temperature

3. 2×Independent Internal Temp. Sensor

Two Independent Internal Temp. Sensors: Accurate Temp. Control and Over-temp. Protection.
 1xTemp Control Sensor: Achieved Accurate Temp. Control at High Temp.
 1xOver-Temp. Protection Sensor: Prevention from malfunction or danger caused by Over-temperature.

4. High-quality Insulation (BTU) for User Safety

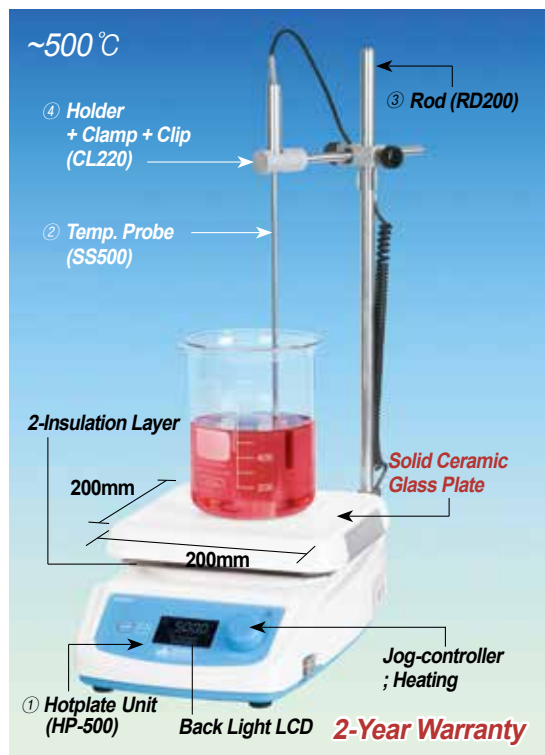
High-quality Insulation (BTU) ensures User Safety during operation at High Temperature.
 Minimized Heat Transfer from the Plate to the Inside, ensures Long Life-time.

5. External Temp. Sensor

External Temp. Sensor achieves even more Accurate Temp Control by measuring Temp. of Sample. (Optional)

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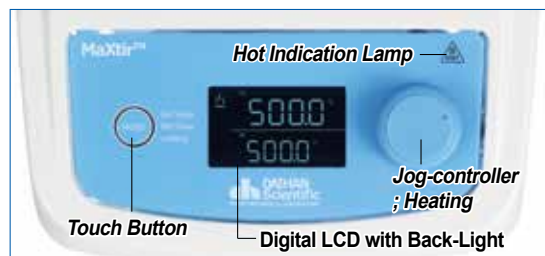
DAIHAN® 500°C High-Temp Premium Hotplate “MaXtir™ HP500”, Solid Ceramic Glass Plate, 200×200mm With Large LCD, Optimum Insulation Layer. Accurate Temp Control, Touch-button Controller, Hot-Top Indicator, Max. 500°C, Accu. ±0.3°C
고온용 디지털 가열판, PID 온도 제어, 최적의 방열구조, 내열성/내화학성/내산성 솔리드 세라믹 글라스 플레이트



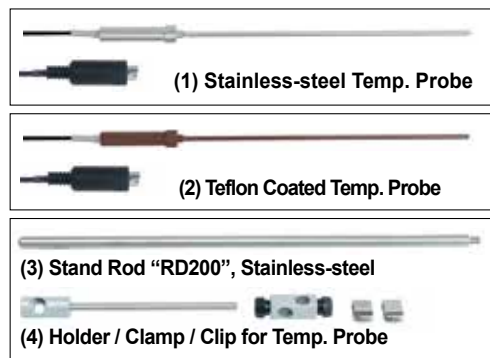
A. “MaXtir™ HP500” Package-set



B. “MaXtir™ HP500” Unit only



Controller of “MaXtir™ HP500”



- 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 Layer
 - Maximum Temperature of 500°C ■ 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°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™ 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°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.	
Safety Circuit			Over Temp. Protection Hot Top Indicator LED Lamp	
Included Standard Acc.			1ea Stir Bar, ②Temp. Probe ③Rod ④Holder+Clamp	1ea Stir Bar
Permissible Temp. & RH %			Ambient +5 ~ 50°C, 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

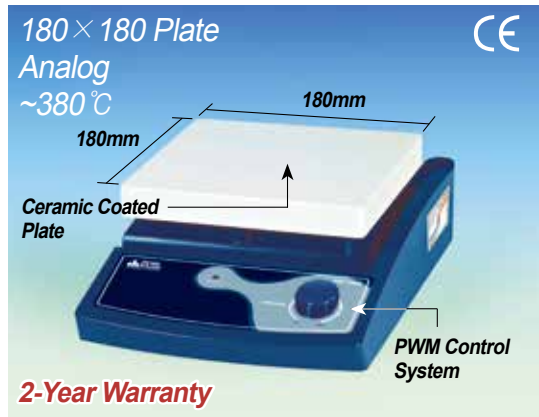
- * Package-set : ① Hotplate Unit ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD200” Stainless-steel Support Rod ϕ 12×L450mm ④ “CL220” Holder+Clamp+Clip for External Temp. Probe

Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

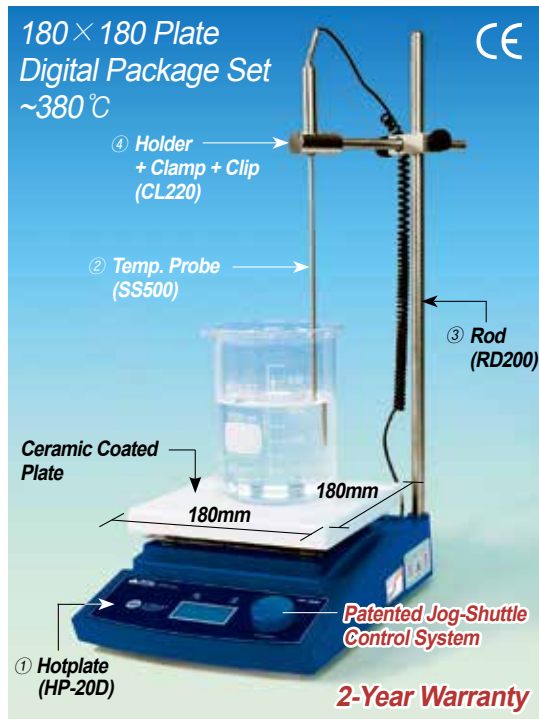
- DH.WHP503060 (1) External / Direct Contact Temp. Probe, “SS500”, Stainless-steel, ϕ 4×L250mm, Cable L190mm
- DH.WHP503061 (2) External / Direct Contact Temp. Probe, “SS510”, Teflon Coated, ϕ 4×L250mm, Cable L190mm
- DH.WHP503036 (3) Stand Rod, “RD200”, Stainless-steel, ϕ 12×L450mm, Screw, for “MaXtir™ HP500”
- DH.WHP503012 (4) Holder/Clamp/Clip, “CL220”, for Temp. Probe

Ea. Price, ₩

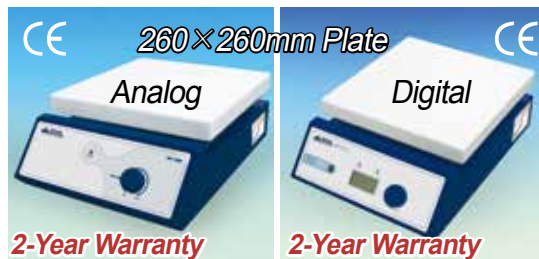
DAIHAN® 380°C Standard Analog & Digital Hotplate “HP-A” & “HP-D”, Ceramic-Coated Plate
 With High Temp Uniformity, 180×180- or 260×260-mm Plate, CE Certified, with Certi. & Traceability
 아날로그 & 디지털 정밀 가열판, 우수한 온도균일성 & 경제성, 세라믹 코팅 플레이트



(I-A) Analog “HP-20A”, 180×180mm Plate-type



(III-A) Digital “HP-20D” Package-set, 180×180mm Plate-type



(I-B) Analog “HP-30A”, 260×260mm Plate

(II-B) Digital “HP-30D”, 260×260mm Plate



- Made in Korea ■ CE Certified ■ PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System

- * Excellent for Sample Drying and most General Lab Heating Applications
- * Superior Temperature Uniformity : Less than 10% on the Plate at Ambient Temperature

I. Analog Control Hotplate “HP-A”

- * Superior Linearity for Temperature Control by Specially Designed Control Circuitry (PWM control)

II. Digital Control Hotplate “HP-D”

■ Patented Jog-Shuttle Control System

- * Digital Feedback Control by High-Performance Microprocessor
- * Digital LCD Display with Back-Light Function, 0.1°C-Display, 0.5°C-Control
- * Temperature Accuracy : ±0.3°C at Set Temp * Safety Circuit : Over Temp Protection
- * Timer : 99hr 59min (with Continuous run), Error status & Timer-end Alarm
- * Locking Mode for Experimental Safety Supported (Input to Jog Shuttle can be disabled)
- * User's Self-Compensation : to Control Difference between Real Temp & Indicated Temp (±20.0°C)

III. Digital Control Hotplate Package-set

- * III-A. “HP-20D” Set : Complete with ① Hotplate “HP-20D”, ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD200” Stainless-steel Support Rod φ 12×L450mm, ④ “CL220” Holder+Clamp+Clip for External Temp. Probe
- * III-B. “HP-30D” Set : Complete with ① Hotplate “HP-30D”, ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD100” Stainless-steel Support Rod φ 12.7×L390mm, ④ “CL220” Holder+Clamp+Clip for External Temp. Probe

Specifications & Ordering information

Spec.	Model	A. 180×180mm Plate (I-A) Analog “HP-20A” (II-A) Digital “HP-20D”	B. 260×260mm Plate (I-B) Analog “HP-30A” (II-B) Digital “HP-30D”
		Plate Size(mm)	180×180mm Plate-type
Material	Body	Powder Coated Aluminum	Powder Coated steel
	Plate	Ceramic Coated Aluminum (Chemical / Acid Resistance, Easy to Clean)	
Temp. Range & Uniformity	Max. 380°C Temp., High Uniformity : Difference 10% less		
Heating Power/Consumption	600 W	1.2 kW	
Permissible Temp. & RH %	R/T +5 ~ 50°C, 85% RH		
Dimension & Weight	206×307×h99mm, 2.8kg	286×387×h99mm, 3.3kg	
Packing Size & Gross Weight	400×280×h200mm, 5 kg	430×320×200hmm, 5 kg	
Electrical Reqts.	1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz		

I. Analog Unit Only		(I-A) “HP-20A”	(I-B) “HP-30A”
Cat. No.	230V	DH.WHP03120	DH.WHP03121
	120V	DH.WHP02120	DH.WHP02121
Price, Each. ₩			
II. Digital Unit Only		(II-A) “HP-20D”	(II-B) “HP-30D”
Cat. No.	230V	DH.WHP03020	DH.WHP03022
	120V	DH.WHP02020	DH.WHP02022
Price, Each. ₩			
III. Digital Package-set		(III-A) “HP-20D” Set	(III-B) “HP-30D” Set
Cat. No.	230V	DH.WHP03021	DH.WHP03023
	120V	DH.WHP02021	DH.WHP02023
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

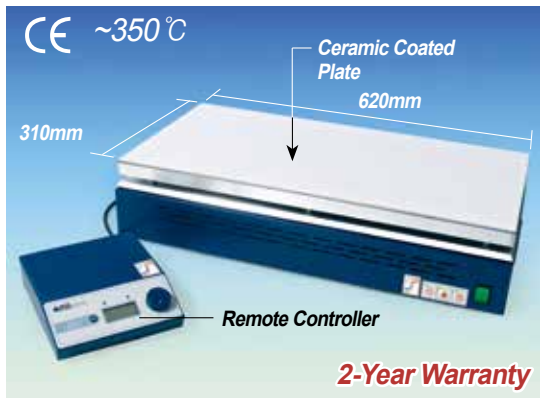
- DH.WHP503060 (1) Temp. Probe, “SS500”, “PT100”, φ4×L250mm
- DH.WHP503061 (2) Teflon Coated Temp. Probe, “SS510”, φ4×L250mm
- DH.WHP503011 Stand Rod, “RD100”, φ 12.7×L390 for “HP-30A / 30D”
- DH.WHP503036 , “RD200”, φ 12×L450 for “HP-20A / 20D”
- DH.WHP503012 Holder / Clamp / Clip, “CL220”, for Temp. Probe

Ea. Price, ₩

DAIHAN® 350°C Large Plate Digital Hotplate “HPLP”, 310×620mm Ceramic-Coated Plate, Superior Temp Uniformity
 Built-in Digital PID Controller or Digital Remote Controller, Back Light LCD, Certificate & Traceability
 디지털 대형 정밀 가열판, 디지털 피드백 온도 제어, 디지털 PID 조절기 / 디지털 원격 조절기, 백색 세라믹 코팅판



A. Large Digital Hotplate, with Built-in Digital PID Controller, Ceramic-Coated Plate-type “HPLP-C-P”



B. Large Digital Hotplate, Digital Remote Controller, Ceramic-Coated Plate-type “HPLP-C-R”

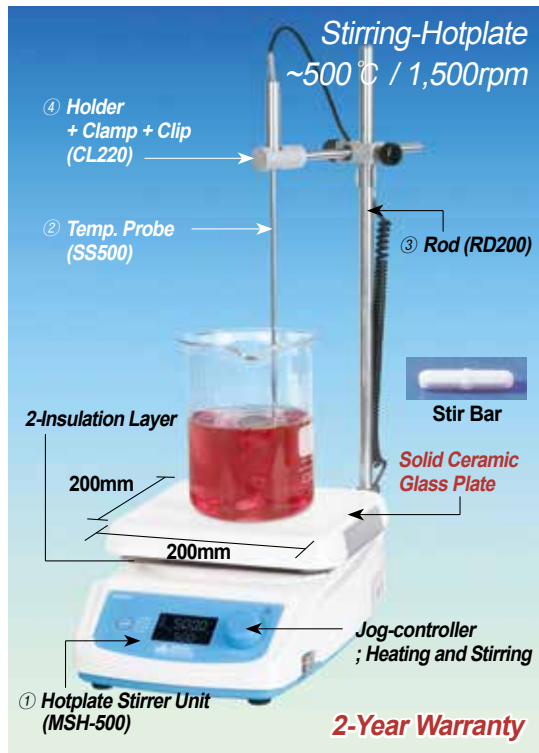
- Made in Korea
- CE Certified
- PL(Product Liability) Insurance
- 2-Years Warranty
- Max Temp : 350°C
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Superior Temperature Uniformity : Less than 10% on the Plate at Ambient Temperature
- Digital PID Controller
- Patented Jog-Shuttle Control System and Back-Light LCD
- * Excellent for Sample Drying and most General lab Heating Applications
- * Large Heating Area : Ideal for TLC Plate Heating and Surface Heating in Electronic Industries
- * Superior Temperature Uniformity : Less than 10% on the Plate at Ambient Temperature
- * Ceramic Coated Plate -Chemical / Acid Prevention

Specifications & Ordering information

Spec.	Models	A. “HPLP-C-P” Built-in Controller	B. “HPLP-C-R” Remote Controller
Controller		Built-in Digital PID Controller	Digital Remote Controller
Plate Surface		Ceramic-coated	
Plate Size		310×620mm	
Temp. Range & Accuracy		Max. 350°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		2 kW	
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end	
Display		Digital LCD with Back-Light Function	
Permissible Temp. & RH %		Ambient +5 ~ 50°C, 85% RH	
Dimension & Weight		670×360×h150mm, 16kg	
Packing Size & Gross Weight		750×430×h220mm, 18 kg	
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	
Cat. No.	230V	DH.WHP03024	DH.WHP03025
	120V	DH.WHP02024	DH.WHP02025
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

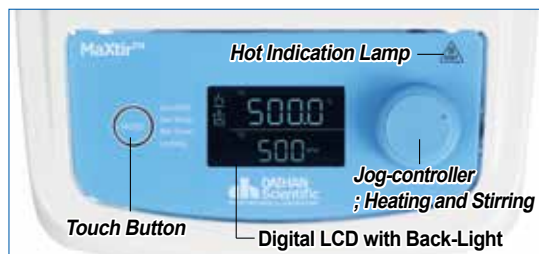
DAIHAN® 500°C High-Temp Premium Hotplate Stirrer “MaXtir™ MSH500”, Solid Ceramic Glass Plate, 200×200mm With Large LCD, Optimum Insulation Layer. Accurate Temp Control, Touch-button Controller, Hot-Top Indicator, 80~1,500rpm 고온용 디지털 가열 자력 교반기, 최적의 방열구조, 디지털 피드백 온도 제어, 내열성/내화학성/내산성 슬리드 세라믹 글라스 플레이트



A. “MaXtir™ MSH500” Package-set



B. “MaXtir™ MSH500” Unit only



Controller of “MaXtir™ MSH500” model



- 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 Layer : BTU + Ceramic Paper + 2 SUS Insulation Layer
- 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.			1ea Stir Bar, ②Temp. Probe ③Rod ④Holder+Clamp	1ea Stir Bar
Permissible Temp. & RH %			Ambient +5 ~ 50°C, 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, 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 Stirrer Unit ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD200” Stainless-steel Support Rod $\phi 12 \times L450$ mm ④ “CL220” Holder+Clamp+Clip for External Temp. Probe

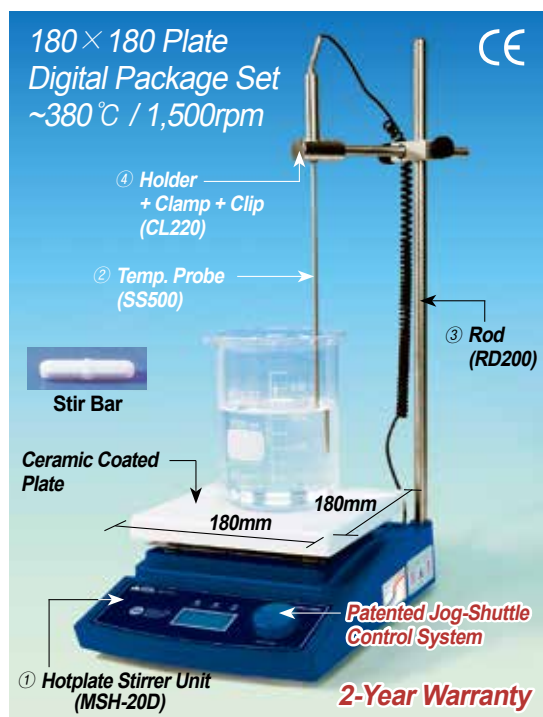
Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

		Ea. Price, ₩
DH.WHP503060	(1) External / Direct Contact Temp. Probe, “SS500”, Stainless-steel, $\phi 4 \times L250$ mm, Cable L190mm	
DH.WHP503061	(2) External / Direct Contact Temp. Probe, “SS510”, Teflon Coated, $\phi 4 \times L250$ mm, Cable L190mm,	
DH.WHP503036	(3) Stand Rod “RD200”, Stainless-steel, $\phi 12 \times L450$ mm, 1.5p screw, for “MaXtir™ MSH500”	
DH.WHP503012	(4) Holder/Clamp/Clip, “CL220”, for Temp. Probe	

DAIHAN® 380°C Standard Analog & Digital Hotplate Stirrer “MSH-A” & “MSH-D”, Ceramic-Coated Plate, 80~1,500 rpm 180×180mm or 260×260mm Plate, with Accurate Temp Control, Superior Temp. Uniformity, with Certi. & Traceability
 아날로그 & 디지털 가열 자력 교반기, 우수한 온도제어/온도균일성, 세라믹 코팅 플레이트



(I-A) Analog “MSH-20A”, 180×180mm Plate-type



(III-A) Digital “MSH-20D” Package-set, 180×180mm Plate-type



(I-B) Analog “MSH-30A”, 260×260mm Plate

(II-B) Digital “MSH-30D”, 260×260mm Plate

- Made in Korea
- CE Certified
- PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Excellent for Sample Drying and most General Lab Heating Applications

I. Analog PWM Control System “MSH-A”

* Superior Linearity PWM Control for Temperature & Stirring Speed

II. Digital Microprocessor Control System “MSH-D”

■ Patented Jog-Shuttle Control System

- * Speed & Control Resolution : 80 ~ 1,500 rpm, 5 rpm
- * Temp. Accuracy / Resolution : ±0.3°C at Set Temp. / 0.1°C-Display, 0.5°C-Control
- * Timer & Alarm : 99hr 59min(with Continuous run), Error status & Timer-end
- * Safety Circuit : Over Temp. Protection
- * User's Self-Compensation : Control Difference between Real Temp. & Indicated Temp. (±20.0°C)
- * Accurate Temp. Control of the Sample in the Vessel using PT100 Sensor
- * Storage Function for the set Values : Temp. and Timer
- * Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)

III. Digital Package-set ; Complete with

- * III-A. “MSH-20D” Set : ① Hotplate Stirrer “MSH-20D”, ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD200” Stainless-steel Support Rod $\phi 12 \times L450$ mm, ④ “CL220” Holder+Clamp+Clip for External Temp. Probe
- * III-B. “MSH-30D” Set : ① Hotplate Stirrer “MSH-30D”, ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD100” Stainless-steel Support Rod $\phi 12.7 \times L390$ mm, ④ “CL220” Holder+Clamp+Clip for External Temp. Probe

Specifications & Ordering information

Spec.	Model	A. 180×180mm Plate (I-A) Analog “MSH-20A” (II-A) Digital “MSH-20D”	B. 260×260mm Plate (I-B) Analog “MSH-30A” (II-B) Digital “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. 20Lit, 9 / 4W		
Temp. Uniformity	Specially Designed Heating Module : Temp. Difference 10% less		
Heating Power/Consumption	600W		1.2kW
Stirring Bar	3cm bar-included, Usable : up to 5cm bar		
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, 5kg	430×320×h200mm, 5kg	
Electrical Reqts.	1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz		

I. Analog Unit Only		(I-A) “MSH-20A”	(I-B) “MSH-30A”
Cat. No.	230V	DH.WMH03120	DH.WMH03121
	120V	DH.WMH02120	DH.WMH02121
Price, Each. ₩			
II. Digital Unit Only		(II-A) “MSH-20D”	(II-B) “MSH-30D”
Cat. No.	230V	DH.WMH03020	DH.WMH03022
	120V	DH.WMH02020	DH.WMH02022
Price, Each. ₩			
III. Digital Package-set		(III-A) “MSH-20D” Set	(III-B) “MSH-30D” Set
Cat. No.	230V	DH.WMH03021	DH.WMH03023
	120V	DH.WMH02021	DH.WMH02023
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

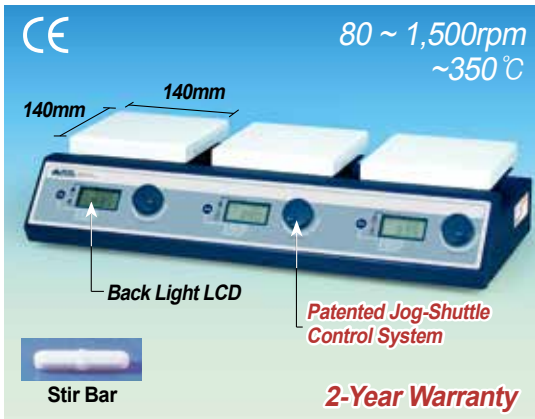
Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

- DH.WHP503060 (1) Temp. Probe, “SS500”, “PT100”, $\phi 4 \times L250$ mm
- DH.WHP503061 (2) Teflon Coated Temp. Probe, “SS510”, $\phi 4 \times L250$ mm
- DH.WHP503011 Stand Rod, “RD100”, $\phi 12.7 \times L390$ for “MSH-30A / 30D”
- DH.WHP503036 “RD200”, $\phi 12 \times L450$ for “MSH-20A / 20D”
- DH.WHP503012 Holder / Clamp / Clip, “CL220”, for Temp. Probe

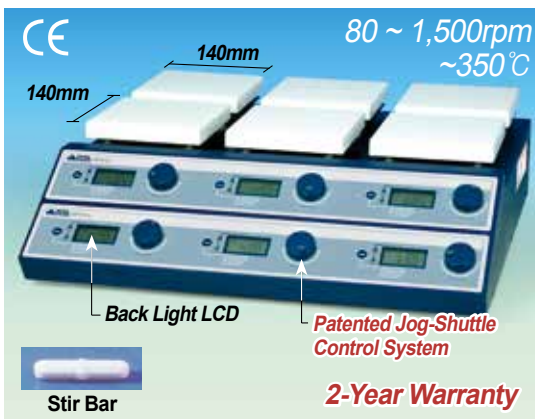
Ea. Price, ₩



DAIHAN® 350°C Systematic Multi-Hotplate Stirrer "SMHS", 3- or 6-Places, Ceramic-Coated Plate
 With Digital Feedback Control, Independent Heating & Stirring Control, up to 350°C, 80~1,500 rpm
 멀티 가열 자력 교반기, 우수한 온도균일성, 3- or 6- 구 개별 조절 가능



A. 3 Plate-type Multi-Hotplate Stirrer "SMHS-3"



B. 6(3×2) Plate-type Multi-Hotplate Stirrer "SMHS-6"

- Made in Korea ■ CE Certified ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Excellent for Multi-use and wide range Sample Testing
- Patented Jog-Shuttle Control System
- * Systemized 3- and 6-Hotplate Stirrer
- * Independent Heating and Stirring Control
- * Digital Feedback Control by High-Performance Microprocessor
- * Ceramic Coated Plate-Chemical/Acid Resistance
- * Maximum Temperature of 350°C with ±0.3°C Control Accuracy
- * Accurate Temp. Control of the Sample in the Vessel using PT100 Sensor (Optional)
- * Digital LCD with Back-Light Function
- * Digital Timer Function Included : 99 hr 59 min
- * Storage Function for the Set Values : Temperature, RPM and Timer
- * Locking Mode for Experimental Safety Supported

Specifications & Ordering information

Spec.	Model	A. "SMHS-3" 3 Plates	B. "SMHS-6" 6 Plates
Plate-type		3 Plate-type	6(3×2) Plate-type
Plate Size		140×140mm	
Stirring Capa. & Motor Rating		Max. 20 Lit(H ₂ O), 9/4W×3	Max. 20 Lit(H ₂ O), 9/4W×6
Speed & Control Resolution		80 ~ 1,500 rpm, 5 rpm	
Temp. Range & Accuracy		Max. 350 °C, ±0.3°C at Set Temp.	
Temp. Resolution		0.1 °C-Display, 0.5 °C-Control	
Temp. Uniformity		Specially Designed Heating Module : Temp. Difference 10% less	
Heating Power/Consumption		400 W × 3 Plates	400 W × 6 Plates
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	
Ports for Stand Rod		2ea	4ea
Permissible Temp. & RH %		Room Temp. +5 ~ 50°C, 85% RH	
Material	Body	Powder Coated steel	
	Plate	Ceramic Coated Aluminum	
Dimension & Weight		510×240×h100mm, 10kg	510×410×h180mm, 18kg
Packing Size & Gross Weight		540×330×h170mm, 10kg	570×540×h230mm, 18kg
Electrical Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	

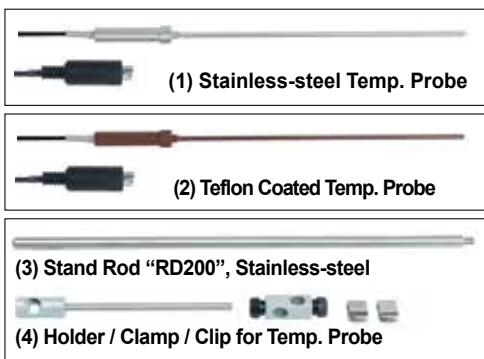
Cat. No.	230V	DH.WMH03503	DH.WMH03506
	120V		DH.WMH02503
Price, Each. ₩			

* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 9,000 별도!

Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

- DH.WHP503060 (1) External / Direct Contact Temp. Probe, "SS500", Stainless-steel, φ4×L250mm, Cable L190mm
- DH.WHP503061 (2) External / Direct Contact Temp. Probe, "SS510", Teflon Coated, φ4×L250mm, Cable L190mm,
- DH.WHP503036 (3) Stand Rod "RD200", Stainless-steel, 1.5p screw, φ12×L450mm, for "SMHS"
- DH.WHP503012 (4) Holder/Clamp/Clip, "CL220", for Temp. Probe

Ea. Price, ₩



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