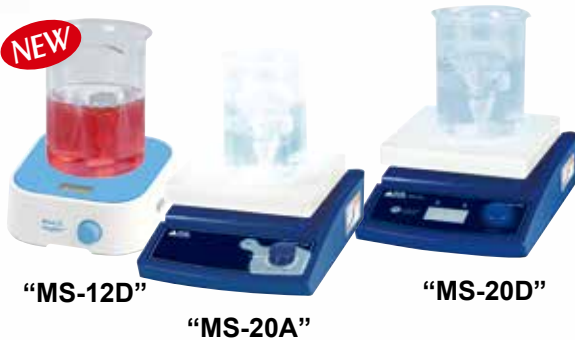


Stirrer

Magnetic Stirrer, Magnetic Stirring <i>New</i>	P. 221~224
, Magnetic Stirring with Heating	P. 225~227
Overhead Stirrer, High Speed-type <i>New</i>	P. 229~231
, High Torque-type <i>New</i>	P. 232~235
, Jar Tester/6-paddle Stirrer	P. 236
, Accessory (Impeller/Rod/Stand)	P. 237~243

● **Magnetic Stirrer**



● **Magnetic Stirrer Multi-point**



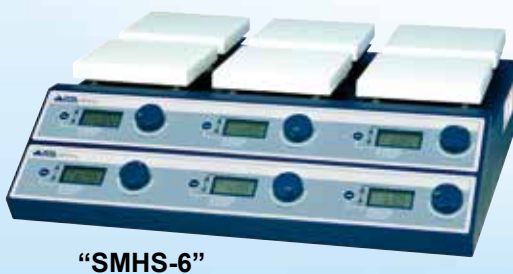
● **Magnetic Stirrer with Heating**



● **Overhead Stirrer High Speed**



● **Magnetic Stirrer with Heating Multi-point**



● **Overhead Stirrer High Torque**



Wisdom 120 × 120 Mini Hi-Quality Digital Magnetic Stirrer "MS-12D", Max. 2,500rpm **NEW**

With Tempered Glass Plate & PP Housing, BLDC-motor, Digital LED Display, Waterproof, Max. 2Lit(H₂O), 소형 디지털 자력교반기



120 × 120mm Mini Magnetic Stirrer "MS-12D"

- Made in Korea
- PL (Product Liability) Insurance
- High Performance Brushless DC-motor : High Efficiency Stirring Performance and Precise Speed Control (Minimize RPM Fluctuation), Low Maintenance Cost.
- Outstanding Chemical Resistance due to Tempered Glass Plate (120 × 120mm) and PP Housing
- Higher Speed Range from 100 ~ 2,500 rpm
- Waterproof Structure
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- * Digital Speed LED Display.
- * Electronically Controlled Motor for more Capacity
- * Includes 1ea × 3cm Stirring Bar
- * Can be used with up to 5cm bar

Specifications & Ordering information

Spec.	Models	"MS-12D" 120 × 120mm Plate
Stirring Capacity		Max. 2Lit (H ₂ O)
Motor Rating (Input/Output)		6 / 3W
Speed Range & Motor		100~2,500rpm, High Performance Brushless DC-motor
Controller & Display		Digital PID Control with Jog-knob & Digital LED display
Stirring Bar		3cm bar-included, Usable : up to 5cm bar
Material		Tempered Glass Plate (5mm thick) & PP Housing
Dimension		Plate : 120 × 120mm, Body : 136 × 136 × h50.5mm
Weight		0.5kg
Electrical Reqts.		DC 12V, with AC 230V Adapter, 50/60Hz
Cat. No.	230V	DH.StiM012
	120V	DH.StiM012.1
Price, Set. ₩		

Wisdom 180 × 180 Midi Hi-Quality Digital Magnetic Stirrer "MS-18D", Max. 2,500rpm **NEW**

With Tempered Glass Plate & PP Housing, BLDC-motor, Digital LED Display, Waterproof, Max. 5Lit(H₂O), 미디 디지털 자력교반기



180 × 180mm Midi Magnetic Stirrer "MS-18D"

- Made in Korea
- PL (Product Liability) Insurance
- High Performance Brushless DC-motor : High Efficiency Stirring Performance and Precise Speed Control (Minimize RPM Fluctuation), Low Maintenance Cost.
- Outstanding Chemical Resistance due to Tempered Glass Plate (180 × 180mm) and PP Housing
- Higher Speed Range from 100 ~ 2,500 rpm
- Waterproof Structure
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- * Digital Speed LED Display.
- * Electronically Controlled Motor for more Capacity
- * Includes 1ea × 3cm Stirring Bar
- * Can be used with up to 5cm bar

Specifications & Ordering information

Spec.	Models	"MS-18D" 180 × 180mm Plate
Stirring Capacity		Max. 5Lit (H ₂ O)
Motor Rating (Input/Output)		12 / 6W
Speed Range & Motor		100~2,500rpm, High Performance Brushless DC-motor
Controller & Display		Digital PID Control with Jog-knob & Digital LED display
Stirring Bar		3cm bar-included, Usable : up to 5cm bar
Material		Tempered Glass Plate (5mm thick) & PP Housing
Dimension		Plate : 180 × 180mm, Body : 193 × 193 × h80.5mm
Weight		1.6kg
Electrical Reqts.		DC 12V, with AC 230V Adapter, 50/60Hz
Cat. No.	230V	DH.StiM018
	120V	DH.StiM018.1
Price, Set. ₩		

DAIHAN® Standard Digital & Analog Magnetic Stirrer “MS-20”, 180×180mm Ceramic-Coated Plate, Max. 1,500rpm
 With Precise Speed Control, with Certi. & Traceability, Max. 20 Lit, 디지털/아날로그 자력교반기, 세라믹 코팅 플레이트



A. Digital Magnetic Stirrer “MS-20D”



B. Analog Magnetic Stirrer “MS-20A”

Long Life Power & Mechanism!

SMPS (Switching Mode Power Supply)
Use with Safety & Regular DC !!

AC → Stable DC !!

SSR (Solid State Relay)-Non Contact
No Electronic Harm!
Realize **Long Life Cycle!**

High Stability in Very Low & High-speed

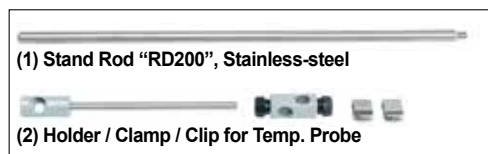
General Phase Control
Use with AC !!
(Very sensitive Point)

General analog control

PWM Control
Use with DC !!
(Super linearity)

DAIHAN Realize **Stable & Easy to Use!**

Specialized Features of “MS-20A”



- Made in Korea ■ CE Certified ■ PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Ceramic Coated Plate-Chemical/Acid Resistance
- * Ideal for Heat-sensitive Procedures such as Microbiology and Biochemistry Applications
- * Mixing for Chemical, Laboratory, Pharmaceutical Materials
- * Smart Design of Body made by Aluminum Die-Casting
- * Powerful Motor for Stirring Quantities of up to 20Lit (Water)
- * Free Voltage (AC 80V ~ 240V, 50 / 60Hz) by SMPS

A. Digital Microprocessor Control System “MS-20D”

- Digital Feedback Control by High-Performance Microprocessor
- Patented Jog-Shuttle Control System
- * Digital LCD Display with Back-Light Function
- * Storage function for the set values : RPM and Time
- * Digital Timer Function : 99hr 59min(with Continuous run.)
- * Alarm Function : Error Status and Timer-End
- * Locking Mode Supported for Experimental Safety (Jog-shuttle input blocked)

B. Analog PWM Control System “MS-20A”

- * Superior Linearity for the Control of Stirring Speed by Specially Designed Control Circuitry (PWM Control)
- * Long Life Power & Mechanism * High Stability in Very Low & High-speed

Specifications & Ordering information

Spec.	Model	A. “MS-20D” Digital-type	B. “MS-20A” Analog-type
Plate Size		180×180mm	
Stirring Capacity (H ₂ O)		Max. 20Lit	
Speed Range		80 ~ 1,500 rpm	Max. 1,500 rpm
Motor Rating		9 / 4 W	
Speed Accuracy (%)		± 5	-
Speed Control Resolution		5 rpm	-
Timer & Alarm		99hr 59min, Error status & Timer-end	-
Display		Digital LCD with Back-Light	-
Controller		Digital Feedback Controller with Jog Shuttle Switch(Turn+Push)	Superior Linearity PWM Controller
Stirring Bar		3cm bar-included, Usable : up to 5cm bar	
Permissible Ambient Temp.		Room Temp. +5 ~ 50°C	
Permissible Relative Moisture		85%	
Material	Plate	Ceramic Coated Aluminum (Chemical / Acid Resistance)	
	Body	Powder Coated Aluminum	
Dimension (w×d×h)		206×307×99mm	
Weight (kg)		3.1 kg	
Packing Size (w×d×h) & Gross Weight		280×400×200mm	
		5 kg	
Power Consumption		10 W	
Electrical Reqts.		Free Voltage (1 Phase, AC 80 ~ 240 V, 50 / 60 Hz)	
Cat. No.	230V	DH.WMS03022	DH.WMS03122
	120V	DH.WMS02022	DH.WMS02122
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

Optional Stand Rod/Holder/Clamp/Clip

- DH.WHP50306 (1) Stand Rod “RD200”, Stainless-steel, screw,
φ12×L450mm, for “MS-20A/20D”
- DH.WHP503012 (2) Holder/Clamp/Clip, “CL220”, for Temp. Probe

Ea. Price, ₩

DAIHAN® Premium Magnetic Stirrer “MaXtir™ MS500”, Shade Motor, Max. 80~1,500 rpm, Max 20Lit
With Large LCD, Solid Ceramic Glass Plate, 200×200mm, Touch-button Controller, Digital Feedback Control, Precise Speed Control
고성능 디지털 자력 교반기, 디지털 피드백 제어, 초강력 쉐이드 모터



Premium Digital Magnetic Stirrer “MaXtir™ MS500”

- Made in Korea ■ Ergonomic Design
- PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Digital Feedback Control by High-Performance Microprocessor
- Brushless Shade Motor & Powerful Magnet ensures Powerful Stirring and Precise Speed Control
- High-quality Solid Ceramic Glass Plate : Heat-/Chemical-/Acid-Resistance and Easy to Clean
- Large LCD display for Current and Speed, and Timer
- Patented Controller “Jog-Dial” and Main Touch Button - Best Durability, Best Mobility, Best Convenient to Operate.
- * Mixing for Chemical, Laboratory, Pharmaceutical Materials
- * Storage Function for the set Values : RPM 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)
- * Large LCD with Back Light Function
- * Digital Timer Function(99hr 59min)
- * Ergonomic Design of Body made by Aluminum Die-casting

Specifications & Ordering information

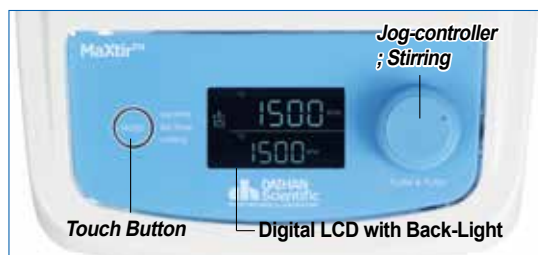
Spec.		Model	“MaXtir™ MS500”
Material	Body		Powder Coated Aluminum
	Plate		Solid Ceramic Glass Plate, 200×200mm
Stirring Capa.			Max. 20 Lit
Speed & Control Resolution			80 ~ 1,500 rpm, 5 rpm
Timer & Alarm			99hr 59min (with Continuous run.), Error status & Timer-end
Display			Large Digital LCD with 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
Permissible Temp. & RH %			Room Temp. +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.WMS00500
	120V		DH.WMS00501
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

Optional Stand Rod/Holder/Clamp/Clip

- DH.WHP503036 (1) Stand Rod, “RD200”, Stainless-steel, screw, $\phi 12 \times L450$ mm
DH.WHP503012 (2) Holder/Clamp/Clip, “CL220”, for Temp. Probe

Ea. Price, ₩



Controller of “MaXtir™ MS500”



DAIHAN® Digital Multi-point Magnetic Stirrer “MS-MP”, 4-/8-Points, Max. 500ml per Point
 With Digital Feedback Control System, Digital LCD Display, Synchronous Operation, 80~1,200 rpm, with Certi. & Traceability
 4-/8-멀티포인트 디지털 자력교반기, 디지털 피드백 컨트롤 시스템



A. Digital 4-Point Magnetic Stirrer “MS-MP4”



B. Digital 8-Point Magnetic Stirrer “MS-MP8”

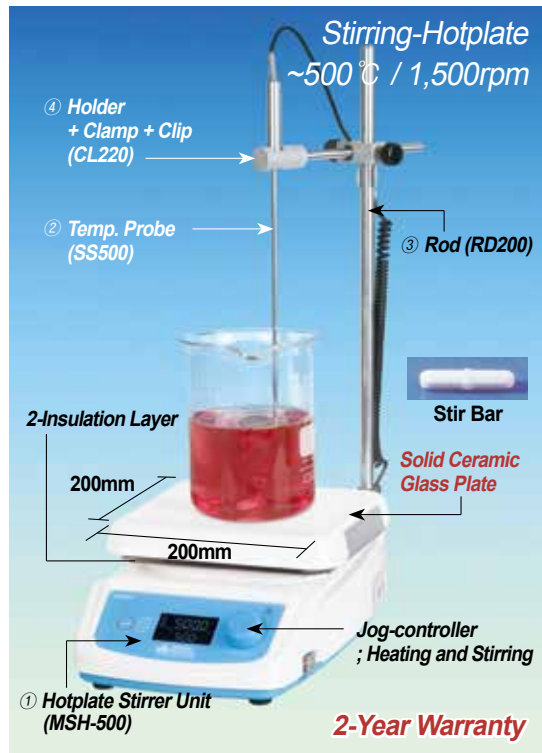
- Made in Korea
 - CE Certified
 - PL (Product Liability) Insurance
 - with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
 - Ideally Suitable for Use in Incubators and Climatic Chambers
 - Excellent for Multi-use and wide range of Sample Testing
 - Patented Jog-Shuttle Control System
- * Ideal for Heat-sensitive Procedures such as Microbiology and Biochemistry Applications
 - * Synchronous Operation of 4 / 8 Stirring Points
 - * Up to 0.5 Lit. Stirring Capacity per Point
 - * Increased Effectiveness by Microprocessor Control
 - * Digital LCD with Back-Light Function
 - * Digital Timer Function (99 hr 59 min)
 - * Smooth Start and Change of Stirring Speed
 - * Storage Function for the Set Values : RPM and Timer
 - * Extraordinary Mechanical, Physical and Chemical Resistance
 - * Locking Mode supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)
 - * Free Voltage (AC 80V ~ 240V, 50 / 60Hz) by SMPS

Specifications & Ordering information

Spec.	Model	A. “MS-MP4” 4 Stirring Points	B. “MS-MP8” 8 Stirring Points
Number of Stirring Points		4 (2×2) Stirring Points	8 (4×2) Stirring Points
Plate Size		208×215mm	208×415mm
Stirring Capacity (H ₂ O)		Max. 0.5 Lit per Point	
Distance between Stirring Points		100 mm	
Speed Range		80 ~ 1,200 rpm	
Motor Rating		16/9 W	
Speed Control Resolution		5 rpm	
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		4ea 3cm bar-included, Usable : up to 3cm bar	8ea 3cm bar-included, Usable : up to 3cm bar
Permissible Ambient Temperature		Room Temp. +5 ~ 50°C	
Permissible Relative Moisture		85%	
Material	Plate	Stainless-steel (# 304)	
	Body	Power Coated Steel	
Dimension (w×d×h)		208×280×75mm	208×480×75mm
Weight		2.5 kg	3.5 kg
Others		CE Certified, PL(Product Liability) Insurance	
		Storage Function (RPM, Timer) Locking Mode (Jog-Shuttle Input Disabled) Alarm (Error Status and Timer-end)	
Packing Size (w×d×h) & Gross Weight		300×330×180mm	330×540×180mm
Power Consumption		20 W	
Electrical Reqt.s.		Free Voltage (1 Phase, AC 80 ~ 240 V, 50 / 60 Hz)	
Cat. No.	230V	DH.WMS03036	DH.WMS03038
	120V	DH.WMS02036	DH.WMS02038
Price, Each. ₩			

* Other Specifications are available upon Customer's Request.

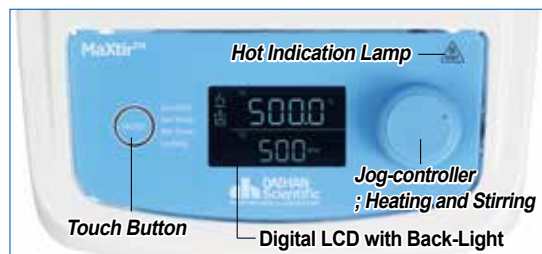
DAIHAN® 500°C High-Temp Premium Hotplate Stirrer “MaXtir™ MSH500”, Solid Ceramic Glass Plate, 200×200mm With Large LCD, Optimum Insulation Layer. Accurate Temp. Control, Touch-button Controller, Hot-Top Indicator, 80~1,500rpm 고온용 디지털 가열 자력 교반기, 최적의 방열구조, 디지털 피드백 온도 제어, 내열성/내화학성/내산성 슬리드 세라믹 글라스 플레이트



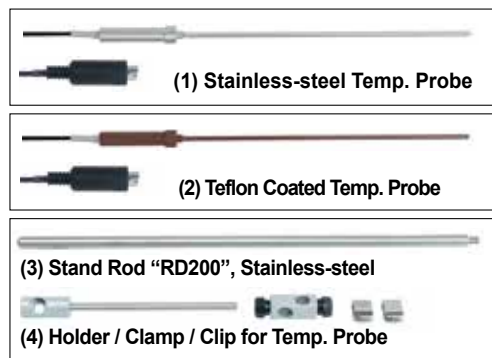
A. “MaXtir™ MSH500” Package-set



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.

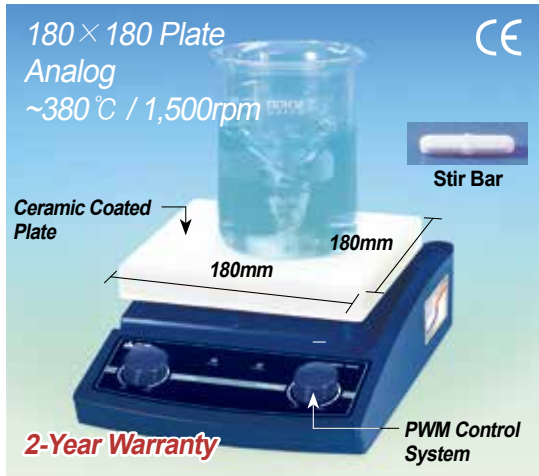
Component of Package-set

- * Package-set : ① Hotplate Stirrer Unit ② “SS500” PT100 External / Direct Contact Temp. Probe, ③ “RD200” Stainless-steel Support Rod φ12×L450mm ④ “CL220” Holder+Clamp+Clip for External Temp. Probe

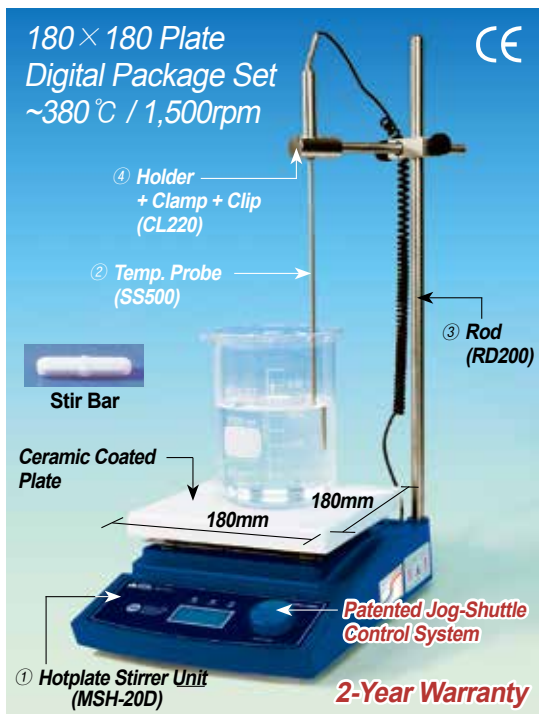
Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

	Ea. Price, ₩
DH.WHP503060 (1) External / Direct Contact Temp. Probe, “SS500”, Stainless-steel, 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, φ12×L450mm, 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)	
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.

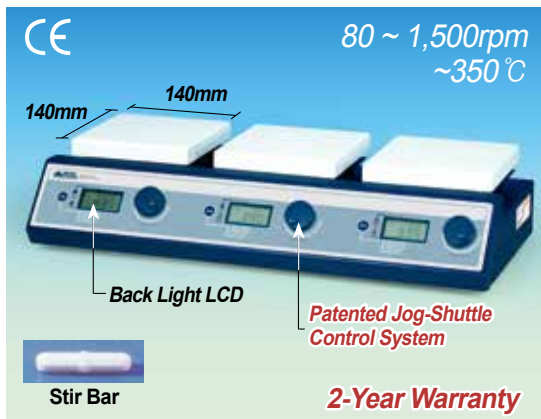
Optional External Temp Probe/Stand Rod/Holder/Clamp/Clip

- 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

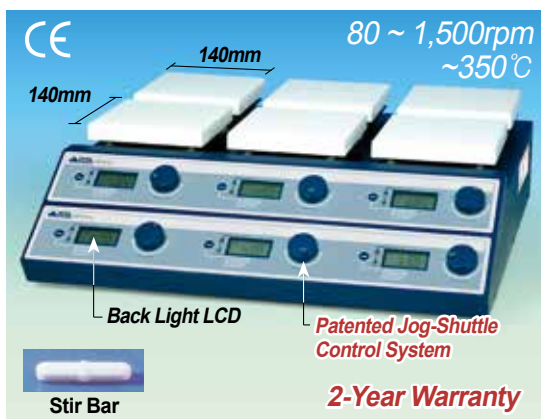
Ea. Price, ₩

Articles	Cat. No	Description
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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"

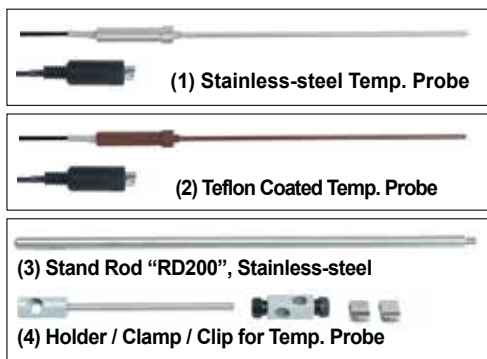
- Made in Korea
- CE Certified
- PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Excellent for Multi-use and wide range Sample Testing
- Patented Jog-Shuttle Control System
- * Systemized 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, ₩

If undelivered please return to below address

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