

**DAIHAN® Systematic Multi-Hotplate Stirrers, 3- or 6- Places, "SMHS", Ceramic-Coated Plates with Digital Feedback Control, Independent Heating & Stirring Control, Back Light LCD, up to 350°C, 80~1,500 rpm**



3×1 Plates-type Multi-Hotplate Stirrer "SMHS-3"

- 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
- CE Certified      ■ PL(Product Liability) Insurance

- \* 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

**Specification**

Number of Plates, Models	3 × 1 Plates-type "SMHS-3"	3 × 2 Plates-type "SMHS-6"
Material	Plate : Ceramic Coated Aluminum, Body : Powder Coated Steel	
Plate Size(mm)	140 × 140	
Stirring Capa. & Motor Rating	Max. 20 Lit.(H <sub>2</sub> O), 9/4W × 3	Max. 20 Lit.(H <sub>2</sub> 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 Display with Back-Light Function	
Controller	Digital Feedback Controller with Jog Shuttle Switch (Turn+Push)	
Stirring Bar	3cm bar-included, Usable : up to 5cm bar	
Permissible Temp. & RH %	Ambient +5 ~ 50°C, 85% RH	
Dimension & Weight	510 × 240 × h100mm, 10kg	510 × 410 × h180mm, 18kg
Packing Size & Gross Weight	540 × 330 × h170mm, 10kg	570 × 540 × h230mm, 18kg
Power Supply *	1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	

\* Other Specifications are available upon Customer's Request.

**Ordering Information**

**3 × 1 Plates-type Multi-Hotplate Stirrers "SMHS-3", with Cord / Plug**

- DH.WMH03503 3 × 1 Plate-type, 230V, "SMHS-3", with stir bar
- DH.WMH02503 , 120V, "SMHS-3", with stir bar

**3 × 2 Plates-type Multi-Hotplate Stirrers "SMHS-6", with Cable**

- DH.WMH03506 3 × 2 Plate-type, 230V, "SMHS-6", with stir bar
- DH.WMH02506 , 120V, "SMHS-6", with stir bar

\* 3 Rear Hotplate Stirrer SMHS-6 have 3 Ports available to connect External Temp. Probe.

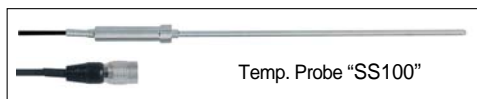
**Additional Function Accessories**

- DH.WHP503020 (1) External / Direct Contact Temperature Sensor, "SS100", PT100, for HP-30D, MSH-30D and SMHS Probe φ4 × L250mm, Cable L190cm
- DH.WHP503021 (2) External / Direct Contact Temperature Sensor, "SS110", PT100, Teflon Coated, for HP-30D, MSH-30D, SMHS Probe φ4 × L250mm, Cable L190cm
- DH.WHP503036 (3) Stand Rod, "RD200", Stainless Steel, φ12 × L450mm for HP-20A/20D, MSH-20A/20D, MSH-50A/55A, MSH-50D/55D and SMHS, 1.5p Screw
- DH.WHP503012 (4) Holder / Clamp / Clip, "CL220", for Temp. Probe

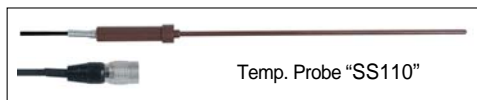


3×2 Plates-type Multi-Hotplate Stirrer "SMHS-6"

\* 3 Rear Hotplate Stirrer SMHS-6 have 3 Ports available to connect External Temp. Probe



(1) External/Direct Contact Temp. Probe



(2) External/Direct Contact Temp. Probe, Teflon Coated



(3) Stand Rod, "RD200", φ12 × L450mm



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