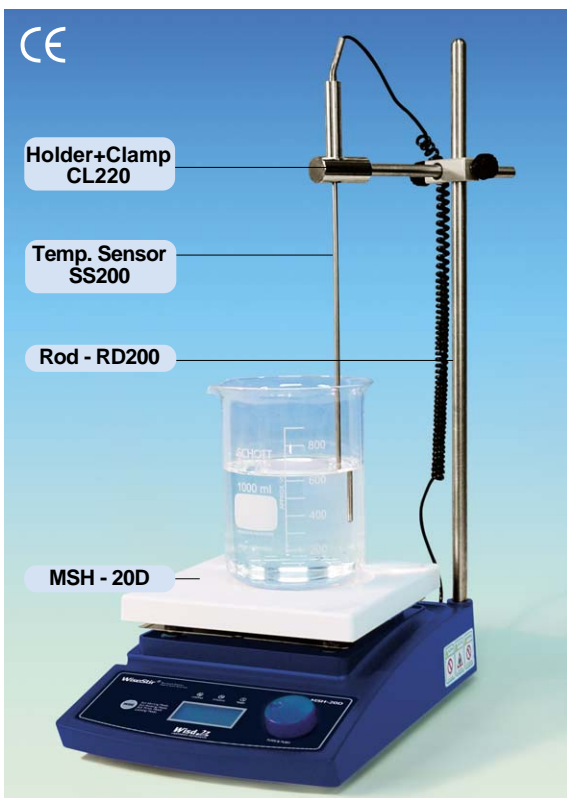


Hotplates Stirrers

“DAIHAN” *WiseStir*[®] MSH-D Digital Hotplate Stirrer, Ceramic-coated plate

With Digital Feedback Control, Back Light LCD Display, up to 380°C, ±0.3°C

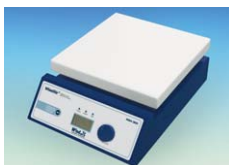
18 × 18cm/26 × 26cm, 80 ~ 1,500 rpm, “PL insurance”, “CE-Certificate”



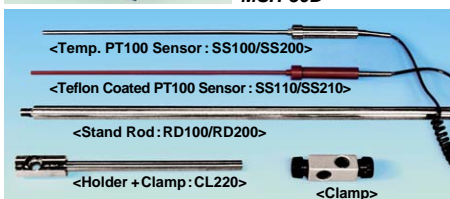
MSH-20D-Set

Applications & Features

- Digital Feedback control by High-Performance Microprocessor
- Superior Temperature Uniformity : 3% less on the plate at current temperature
- The Ergonomic Article for precise-control of HEAT, STIRRING -speed, and TIME Jog-Shuttle switch (Turn + Push) (Patent pending)
- Accurate Temp. Control of the sample in the vessel using Optional PT100 Sensor
- User's self-compensation function : to control Difference between Real Temp. and Indicated Temp. ($\pm 10.0^\circ\text{C}$)
- Digital LCD with Back-Light Function
- Ceramic Coated Plate - Chemical/Acid Resistance
- Aluminum Die-Casting Body (MSH-20D)
- Storage function, Timer, Alarm & Back Light LCD display
- Locking Mode supported for Experimental Safety (Input to Jog-Shuttle can be disabled)
- PL (Product Liability) Insurance



MSH-30D



Specification		
Model	MSH-20D	MSH-30D
Plate Size (mm)	180 × 180	260 × 260
Stirring Capacity (HzO)	Max 20Lit.	
Motor Rating (W)	9 / 4	
Speed Range (rpm)	80 ~ 1,500	
Speed Control Resolution (rpm)	5	
Temp.	Range (°C)	Max. 380
	Accuracy	±0.3°C at Set Temperature
Temp. Display Resolution (°C)	0.1	
Temp. Control Resolution (°C)	0.5	
Heating Power (W)	600	1200
Heating Plate	Specially Designed Heating Module (High Uniformity : Temp. Difference 3% less)	
Controller	Digital Feedback Controller with Jog Shuttle Switch (Turn + Push)	
Display	Digital LCD with Back-Light Function	
Timer	99hr 59min (Continuous function included)	
Material	Plate	Ceramic Coated Aluminum (Chemical / Acid Resistance)
	Body	Powder Coated Aluminum Powder Coated Steel
Dimension (w × d × h mm)	206 × 307 × 99	286 × 387 × 99
Weight (kg)	3.3	3.5
Others	Storage Function (Temp., RPM, Timer) Locking Mode (Jog-Shuttle Input disabled) User Self-compensation function Alarm (Error Status and Timer-end)	
Power Supply *	AC 110 V, 60 Hz or AC 230 V, 50 / 60 Hz	

* Other Specifications are available upon customer's request.

Ordering Information

MSH-20D Hotplate Stirrer Unit

DH.WMH03020 Digital Hotplate Stirrer, MSH-20D-unit, 180 × 180mm, 80~1500 rpm, to 380°C

Package MSH-20D Hotplate Stirrer Set

DH.WMH03021 Digital Hotplate Stirrer Package, MSH-20D-Set with SS200 External Temp. Sensor, RD200 Support Rod and CL220 Clamp

MSH-30D Hotplate Stirrer Unit

DH.WMH03022 Digital Hotplate Stirrer, MSH-30D-unit, 260 × 260mm, 80~1500 rpm, to 380°C

Package MSH-30D Hotplate Stirrer Set

DH.WMH03023 Digital Hotplate Stirrer Package, MSH-30D-Set with SS100 External Temp. Sensor, RD100 Support Rod and CL220 Clamp

Additional Function Accessories

- DH.WHP503020 Direct Contact Temperature Sensor, SS100, PT100* for HP-30D, MSH-30D and SMHS
- DH.WHP503021 Direct Contact Temperature Sensor, SS110, PT100* Teflon Coated, for HP-30D, MSH-30D and SMHS
- DH.WHP503030 Direct Contact Temperature Sensor, SS200, PT100*, for HP-20D or MSH-20D
- DH.WHP503031 Direct Contact Temperature Sensor, SS210, PT100*, Teflon Coated, for HP-20D or MSH-20D
*PT100 : External sensor for feedback control of the Temperature in the vessel, Accuracy of $\pm 0.3^\circ\text{C}$.
- DH.WHP503011 Stand Rod, RD100, Stainless Steel, $\phi 12.7 \times 450\text{mm}$ for HP-30D, MSH-30D
- DH.WHP503036 Stand Rod, RD200, Stainless Steel, $\phi 12 \times L450\text{mm}$, for HP-20D, MSH-20D and SMHS
- DH.WHP503012 Holder + Clamp, CL220, for Temp. Sensor