

Superior Hotplate Stirrer

EVOHS 



✓ Fine Control Mode for Oil Sample

Offered with a special option for "Water", "Oil", and "Salt" with different thermal conductivity sample with external temperature sensor equipment.

✓ Powerful, Soft and Long Life Cycle

The strong magnetic drive realized precision work also realized soft and stable operation of "Slow Start function". Brushless motor equipped BLD motor does not need ordinary maintenance works and has a long life.

✓ Anti Stop Out Function

Detail check magnet detection operation and "Auto recovery function" for when magnet failure occurs during stirring.

✓ High Safety

Overheat, Overload, Overcurrent protection to secure the safety of products and sample.

✓ Touch Button

Excellent design used on the convenient use of users.

✓ High Stability and Uniformity

High thermal resistance and specially designed heater realize good temperature uniformity.

✓ High-Resolution LCD Display

Operation to high visibility and Easy to read LCD equipped.

Hotplate **EVO HP1**
Magnetic Stirrer **EVO MS1**



Precise operation on Digital Hotplate and Magnetic Stirrer.

Analogue Models **HS1-MS1-A**
HP1-MS1-A
MS1-MS1-A



Fine & Delicate Analogue models
PWM control for heat control
Step response control

Specification & Ordering

EVO Models



Ordering No.	Model Name	Description
LT.HS02010	EVO HS1	Precision Hotplate Stirrer, Digital, 18cm x 18cm, Max. 400°C, 1,500rpm, 230V, 50/60Hz
LT.HS02011		Precision Hotplate Stirrer, Digital, 18cm x 18cm, Max. 400°C, 1,500rpm, 120V, 50/60Hz
LT.HS02012	EVO HS1-Set	Package Set, Precision Hotplate Stirrer with External Temp. Probe-set, Digital, 18cm x 18cm, 400°C, 1,500rpm, 230V, 50/60Hz
LT.HS02013		Package Set, Precision Hotplate Stirrer with External Temp. Probe-set, Digital, 18cm x 18cm, 400°C, 1,500rpm, 120V, 50/60Hz
LT.HP02010	EVO HP1	Superior Hotplate, Digital, 18x18cm, 400°C, 230V, 50/60Hz
LT.HP02011		Superior Hotplate, Digital, 18x18cm, 400°C, 120V, 50/60Hz
LT.HP02012	EVO HP1-Set	Package Set, Superior Hotplate with External Temp. Probe-set, Digital, 18x18cm, 400 °C, 230V, 50/60Hz
LT.HP02013		Package Set, Superior Hotplate with External Temp. Probe-set, Digital, 18x18cm, 400 °C, 120V, 50/60Hz
LT.MS02010	EVO MS1	Superior Magnetic Stirrer, Digital, 18x18cm, 1,500rpm, 230V, 50/60Hz
LT.MS02011		Superior Magnetic Stirrer, Digital, 18x18cm, 1,500rpm, 120V, 50/60Hz

Model		EVO HS1	EVO HS1-Set	EVO HP1	EVO HP1-Set	EVO MS1
Plate Dimension		180 x 180mm				
Stirrer Speed Range		80 to 1,500rpm			80 to 1,500rpm	
Speed control resolution		5 rpm			5 rpm	
Maximum Stirring Volume (H ₂ O)		20Lit.			20Lit.	
Heating Temperature		Max. 400°C				
Temp Accuracy		±0.3°C				
Temp Resolution	Display	0.1°C				
	Control	0.1°C				
Controller		Digital Fuzzy Controller with Touch Button & Jog Dial				
Timer		99hr 59min				
Display		Full Digital LCD Display with Back-Light Function				
Heating Output		600 W				
Motor Type		Brushless DC Motor			Brushless DC Motor	
Others – Special function		Anti Step Out Function / Fine Control Mode for Oil Sample				
Permissible Temp. & Humidity		5°C~40°C, <80%				
Maximum Magnetic Stirrer Bar		50mm			50mm	
Safety Devices		Over Temp Protection				
Material	Plate	Ceramic Coated Aluminum				
	Body	Powder Coated Aluminum				
Power Consumption		650W		620W		50W
Dimensions (w x d x h) & Net Weight		180 x 325 x 110mm, 3.43Kg	180 x 325 x 110mm, 3.9Kg	180 x 325 x 110mm, 3.43Kg	180 x 325 x 110mm, 3.49Kg	180 x 325 x 110mm, 3.43Kg
Packing Size (w x d x h) & Gross Weight		285 x 400 x 170mm, 4.13Kg	285 x 400 x 170mm, 4.6Kg	285 x 400 x 170mm, 4.13Kg	285 x 400 x 170mm, 4.6Kg	285 x 400 x 170mm, 4.13Kg
Power Supply		1 Phase, AC 120V, 60Hz or AC 230V, 50/60 HZ				

Analog Models



Ordering No.	Model Name	Description
LT.HS01110	HS1-A	Hotplate Stirrer, Analog, 18x18cm, 400°C, 1,500rpm, 230V, 60Hz
LT.HS01111		Hotplate Stirrer, Analog, 18x18cm, 400°C, 1,500rpm, 120V, 60Hz
LT.HS01112		Hotplate Stirrer, Analog, 18x18cm, 400°C, 1,500rpm, 230V, 50Hz
LT.HP01110	HP1-A	Hotplate, Analog, 18x18cm, 400°C, 230V, 50/60Hz
LT.HP01111		Hotplate, Analog, 18x18cm, 400°C, 120V, 50/60Hz
LT.MS01110	MS1-A	Magnetic Stirrer, Analog, 18x18cm, 1,500rpm, 230V, 60Hz
LT.MS01111		Magnetic Stirrer, Analog, 18x18cm, 1,500rpm, 120V, 60Hz
LT.MS01112		Magnetic Stirrer, Analog, 18x18cm, 1,500rpm, 230V, 50Hz

Model	HS1 - A	HP1 - A	MS1 - A
Plate Dimension	180 x 180mm		
Stirrer Speed Range	Max. 1,500rpm		Max. 1,500rpm
Maximum Stirring Volume (H ₂ O)	20Lit.		20Lit.
Heating Temperature	Max. 400°C		
Heat Control	Fine PWM Controller		
Speed Control	Stepless		Stepless
Heating Output	600W		
Motor Type	Brushless Shade Motor		Brushless Shade Motor
Permissible Temp. & Humidity	5°C~40°C, <80%		
Maximum Magnetic Stirrer Bar	50mm		
Material	Plate	Ceramic Coated Aluminum	
	Body	Powder Coated Aluminum	
Power Consumption	650W		50W
Dimensions (w x d x h) & Net Weight	180 x 325 x 110mm, 3.13Kg	180 x 325 x 110mm, 3.13Kg	180 x 325 x 110mm, 3.13Kg
Packing Size (w x d x h) & Gross Weight	285 x 400 x 170mm, 3.83Kg	285 x 400 x 170mm, 3.83Kg	285 x 400 x 170mm, 3.83Kg
Power Supply	1 Phase, AC 120V, 60Hz or AC 230V, 50/60 HZ		

Accessories



HSTP



HSTTP



HSSR



HSHC

Ordering No.	Model Name	Description
LT.HS00010	HSTP	Temp. Probe for Digital
LT.HS00011	HSTTP	Teflon Temp. Probe for Digital

Ordering No.	Model Name	Description
LT.HS00020	HSSR	Stand Rod
LT.HS00030	HSHC	Holder/Clamp/for Temp. Probe