

# Superior Multi Hotplate Stirrer |

**EVO** HS1-M

## ✓ Multi Hotplate Stirrers

Independent heating and stirring control is possible with 3 or 6 places Multi Hotplate Stirrers that can experiment with various samples and conditions at once.

## ✓ Anti Step Out Function

Detached magnet detection during operation and “**Auto recovery function**” from when magnetic bar failure in stirring.



## ✓ Powerful, Soft and Long Life Cycle

The strong magnetism drive realize precision work also realized soft and stable operation by “**Slow Start function**” Brushless Motor equipped BLDC motor does not need ordinary maintenance works and the expected lifetime.

## ✓ Fine Control Mode for Oil Sample

Offer two control option for “**Water**” and “**Oil**” as different thermal conductivity sample with External temps sensor equipment.

## ✓ High Safety

Over-Heat, Over-Load, Over Current Protection to secure the safety of products and sample

## ✓ Highly Durability and Uniformity

High chemical resistance and specially designed heat line realize good temperature uniformity

## ✓ High Fidelity LCD Display

Operation Icon of high intuitiveness and Easy-to-read backlit LCD are equipped

## ✓ Touch Button

Excellent design focused on the convenience of users

# Specification & Ordering

## EVO Models



EVO HS1-M3 / EVO HS1-M3S



EVO HS1-M6

Ordering No.	Model Name	Description
LT.HS02020	EVO HS1-M3	Superior Multi Hotplate Stirrer, Digital, 14x14cm, 3Plate, 350°C, 1,500rpm, 230V, 50/60Hz
LT.HS02021	EVO HS1-M3S	Superior Multi Hotplate Stirrer, Digital, 14x14cm, 3Plate, 350°C, 1,500rpm, 120V, 50/60Hz
LT.HS02022	EVO HS1-M3S	Package Set, Superior Multi Hotplate Stirrer with External Temp. Probe-set, Digital, 14x14cm, 3Plate, 350°C, 1,500rpm, 230V, 50/60Hz
LT.HS02023	EVO HS1-M3S	Package Set, Superior Multi Hotplate Stirrer with External Temp. Probe-set, Digital, 14x14cm, 3Plate, 350°C, 1,500rpm, 120V, 50/60Hz
LT.HS02024	EVO HS1-M6	Superior Multi Hotplate Stirrer, Digital, 14x14cm, 6Plate, 350°C, 1,500rpm, 230V, 50/60Hz
LT.HS02025	EVO HS1-M6	Superior Multi Hotplate Stirrer, Digital, 14x14cm, 6Plate, 350°C, 1,500rpm, 120V, 50/60Hz

Model		EVO HS1-M3 / EVO HS1-M3S	EVO HS1-M6
Stirrer Speed Range		80 to 1,500rpm	
Speed control resolution		5 rpm	
Maximum Stirring Volume (H <sub>2</sub> O)		20Lit.	
Plate Dimension		140 x 140mm X 3 Place	140 x 140mm X 6(2X3) Place
Heating Temperature		Max. 350°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		400W X 3	400W X 6
Motor Type		Brushless DC Motor	
Power Consumption		1,300W	2,600W
Permissible Temp. & Humidity		5°C~40°C, <80%	
Safety Devices		Over Temp Protection	
Material	Plate	Ceramic Coated Aluminum	
	Body	Powder Coated Steel	
Dimensions (w x d x h) & Net Weight		500x240x110mm 7.7/9.7Kg	500x410x110mm 14.2Kg
Packing Size (w x d x h) & Gross Weight		550x360x190mm 9.0/11.0Kg	595x485x195mm 15.5Kg
Power Supply		1 Phase, AC 120V, 60Hz or AC 230V, 50/60 HZ	

## Accessories - EVO HS1-M3S 모델에만 사용가능합니다.



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