

HotPlate Stirrer EVO HS1 w/step-out recovery

Features

Brushless DC motor

- Powerful and precise stirring function by strong magnetic drive
- Stable and long-life cycle by “Slow start function”

High durability and uniformity

- High chemical resistance and specially designed heat line realize good temp. uniformity

Step-out Recovery function

- In case of stirring failure, EVO HS1 detect it and recover stirring automatically

EVO HS1-Set offers 2 Control modes for “Water” and “Oil”

- Oil mode can afford different thermal conductivity samples such as silicone oil etc.
- To realize 2 Control modes, external temp. sensor is essential

Jog-Dial controller w/electrostatic touch-type mode button and High fidelity LCD display (Graphic icons for each mode)

Safety functions

- Over-heat/load/current protection for safety of products and samples

Made in Korea



EVO HS1

Specification

Model	EVO HS1	EVO HS1-Set
Plate size	180 x 180mm	
Operation mode	Water and Oil mode available	
Material	Plate	Ceramic coated aluminum
	Body	Powder coated aluminum
Stirring capacity	Max. 20 Lit	
Motor	Brushless DC motor	
Speed range	80 to 1,500 rpm	
Speed resolution	5 rpm	
Temp. range/accuracy	Max. 400°C / ±0.3°C	
Temp. resolution	0.1°C–display, 0.1°C–control	
Heating output/consumption	600W / 650W	
Timer/Alarm	99hr 59min/Error status, Timer–end	
Display	High fidelity LCD with Back–Light function	
Controller	Digital fuzzy controller w/Electrostatic Touch button+Jog–dial	
Stirring bar usable	up to 50mm	
Permissible temp./RH %	ambient +5 ~ 40°C/80% R	
Safety device	Over–heat/load/current protection	
Dimension/Weight	180x325x110mm/3.43kg	180x325x110mm/3.9kg
Packing size/Gross weight	285x400x170mm/4.13kg	285x400x170mm/4.6kg
Power supply	AC120V,60Hz or AC230V, 50/60Hz, 1P	
Standard accessories	Temp. probe/Stand rod/Clamp holder	