

Magnetic Stirrer



Features

- The heating plate is made of a special ceramic, making it an easy cleaning feature.
- Special heating technique, HPS-20 and HPS-20D heating plate temperature can reach up to 350°C. HPS-20T can reach up to 380°C. HPS-550T can reach up to 550°C.
- PID for temperature control with display windows. High precision and easy to operate.
- Use for heating and stirring standard/non-standard reaction flasks from 50ml to 5L.
- DC brushless motor makes stable operation with low noise, long life and no sparking.
- Metal plate shell, durable, temperature stable and corrosion-resistant.
- Waterproof shell design, prevent the electrical parts from damaged by samples.
- Magnetic stirring technology, steady operation at low speed and powerful at high speed.

Specifications

Model	HB-HPS-10	HB-HPS-20	HB-HPS-20D	HB-HPS-20T	HB-HPS-550T
Surface Dimension [W×D]	125×125 mm	184×184 mm	184×184 mm	200×200 mm	200×200 mm
Working Surface Material	Alloy + Ceramic Coating	Ceramic			
Motor Type	0 to 1500 rpm				
Temperature Control	Brushless DC Motor				
Motor Rating Input	18W				
Heating Output	250 W	800 W	800 W	800 W	1000 W
Voltage	110/220 V, 50/60 Hz				
Stirring Positions	1				
Max. Stirring Quantity (H ₂ O)	1L	5L	5L	5L	5L
Max. Magnetic Bar Length	80mm				
Speed Range	100–1500 rpm				
Resolution	±1 rpm				
Speed Display	Null	Null	LED	LED	LED
Temperature Display	Null	Null	LED	LED	LED
Timer Display	Null	Null	Null	LED	LED
Heating Temp. Range	R.T- 300°C	R.T- 350°C	R.T- 350°C	R.T- 380°C	R.T- 550°C
Temp. Control Acc.	±0.1°C				
External Temperature Sensor	Null	Null	Null	PT100	PT1000
Protection Class	IP21				
Package Size [W×D×H] (mm)	330×210×150	370×280×200	370×280×200	440×305×280	440×300×275
Weight (Kg)	3.0	4.5	4.5	4.8	5.3