



Features

- 1.The heating plate is made of a special ceramic, making it an easy cleaning feature.
- 2.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.
- 3.PID for temperature control with display windows. High precision and easy to operate.
- 4.Use for heating and stirring standard/non-standard reaction flasks from 50ml to 5L.
- 5.DC brushless motor makes stable operation with low noise, long life and no sparking.
- 6.Metal plate shell, durable, temperature stable and corrosion-resistant.
- 7.Waterproof shell design, prevent the electrical parts from damaged by samples.
- 8.Magnetic stirring technology, steady operation at low speed and powerful at high speed.

Specifications

	INS-20	INS-20D	INS-20T	INS-550T
Surface Dimension [W x D]	184x184mm	184x184mm	200x200mm	200x200mm
Working surface material	Alloy+Ceramic coating	Alloy+Ceramic coating	Alloy+Ceramic coating	Ceramic glass
Motor type	0 to 1500rpm			
Temperature control	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
Motor rating input	18W	18W	18W	18W
Heating output	800W	800W	800W	1000W
Voltage	110/220V 50/60Hz	110/220V 50/60Hz	110/220V 50/60Hz	110/220V 50/60Hz
Stirring positions	1	1	1	1
Max. stirring quantity, [H ₂ O]	5L	5L	5L	5L
Max. magnetic bar [length]	80mm	80mm	80mm	80mm
Speed range	100-1500rpm	100-1500rpm	100-1500rpm	100-1500rpm
Resolution	±1rpm	±1rpm	±1rpm	±1rpm
Speed display	Null	LED	LED	LED
Temperature display	Null	LED	LED	LED
Timer display	Null	Null	LED	LED
Heating temperature range	Room Temp.-380°C	Room Temp.-380°C	Room Temp.-380°C	Room Temp.-550°C
Temperature control accuracy	±1°C	±1°C	±1°C	±1°C
Temperature display accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
External temperature sensor	Null	PT100	PT1000	PT1000
Protection class	IP21	IP21	IP21	IP21
Dimension [WxDxH]	200×300×112mm	200×300×112mm	200×300×112mm	200×300×112mm
Weight	4.5kg	4.5kg	4.8kg	5.3kg