

## Taisite Lab Sciences Inc

Address: 228 Park Ave S 45956, New York, NY 10003, USA.

Email: [info@taisitelab.com](mailto:info@taisitelab.com) Web: [www.taisitelab.com](http://www.taisitelab.com)



**Description**

HP series Hot Plate is a necessary instrument for the experiment of digestion, boiling and steaming acid in the laboratory and small and medium-sized production.

**Features**

1. PID control ,more accurate.
2. Aluminum plate heating, faster heating ,better uniformity.
3. Reach 400°C without deformation.
4. Ceramic surface, anti-scratch and anti-corrosion.
5. Isolate the control area to prevent the control system from being corroded by acid gas.
6. Durable for a long time.

**Specifications**

Model		HP-3	HP-4	HP-5	HP-6
Temperature	Max Temp.	400°C			
	Temp. uniformity	±3°C			
	Temp. fluctuation	1°C			
	Temp. accuracy	1°C			
	Heating up time	within 30 minutes to 400°C			
Structure	Outer Shell	Steel			
	Hot plate	Aluminum			
	Surface	Ceramic			
Controller	Working time	Continuous			
	Setting method	Digital			
	Timer	0-9999 minutes			
	Temperature sensor	K			
Safety	Over temp. alarm	factory set overtemperature 10 degrees			
	Water proof	Yes			
Power	Heating power(KW)	1.6	1.8	2.2	4
	Voltage	220V	220V	220V	220V
Specification	Plate size (W*L*H) (mm)	300*300	300*400	300*500	400*600
	Exterior size (W*L*H) (mm)	300*430*190	400*430*190	500*430*190	600*530*190
	Packing size (mm)	360*490*250	460*490*250	560*490*250	660*590*250
	N/W(kg)	18	28	33	38
	G/W(kg)	20	30	35	41

**Features**

- The heating plate is made of a special ceramic, making it an easy cleaning feature.
- Special heating technique, the heating plate can reach temperatures up to 350°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 20L.
- 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	HPS-20	HPS-20D	HPS-600
Working surface size	19x19cm		φ126x6
Working surface material	Ceramic		
Speed control	0 to 1500rpm		
Temperature control	RT+5 to 350°C		250°C
Temperature stability	±3°C		
Max stir capacity	20L		50 to 2000mlx6
Outer sensor	Null	PT100	Null
Electricity	AC220V/110V, 50/60Hz		
Power	600W		900W
Product size(mm)	190x320x130		606x420x122
Packing size(mm)	240x390x230		650x470x180
N.W/G.W.(kg)	5kg/6kg		14kg