



Professional Hotplate Stirrers

Series	HS2 Series	HS3 Series	HS4 Series	HS5 Series
Model	HS2-Standard	HS3-Pro	HS4T-Pro	HS5-Pro
Part Number	HS2S	HS3P	HS4TP	HS5P
Image				
Temperature Range *	280°C	380°C	340°C	550°C
Chemical Resistance	Standard	Standard	Highly chemical resistant	Highly chemical resistant
Workplate Dimensions	φ135mm (5in)	140x140mm (5.5x5.5in)	φ135mm (5in)	184x184mm (7x7in)
Workplate Material	Ceramic coated steel	Ceramic coated aluminum	Ceramic coated steel	Ceramic Glass
Motor type	DC Motor	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
Display/Control	LED	LCD	LCD	LCD
Control Parameters	Temp, speed	Temp, speed	Temp, speed, time	Temp, speed
Speed Range	100-1500 rpm	200-1500 rpm	100-1500 rpm	100-1500 rpm
External Temperature Sensor	PT1000 (accuracy ±0.5°C)	PT1000 (accuracy ±0.5°C)	PT1000 (accuracy ±0.5°C)	PT1000 (accuracy ±0.5°C)
PT1000 Temperature Sensor Included	Yes	Yes	Yes	Yes
Timer Function	N/A	N/A	1min~99h 59min	N/A
Max. stirring capacity [~H2O]	3L	5L	20L	20L
Max. magnetic bar length	50mm	50mm	80mm	80mm
Temp Control Increments	1°C	1°C	1°C	1°C
Temp Control Accuracy	±1°C (<100°C); ±1% (>100°C)	±1°C (<100°C); ±1% (>100°C)	±1°C (<100°C); ±1% (>100°C)	±1°C (<100°C); ±1% (>100°C)
Speed Display Accuracy	±1 rpm	±1 rpm	±1 rpm	±1 rpm
Temp Display Accuracy	±1°C	±1°C	±1°C	±1°C
Over Temperature Protection	320°C	420°C	320°C	320°C
"Hot" Warning	50°C	50°C	50°C	50°C
Protection class	IP21	IP21	IP42	IP21
Motor Rating Input	5W	2.4W	18W	18W
Motor Rating Output	3W	1.8W	10W	10W
Heating Output	500W	500W	500W	1000W
Power	515W	510W	550W	1050W
Voltage	115V, 50/60Hz	100-120, 50/60Hz	115V, 50/60Hz	115/115V, 50/60Hz
Weight	1.8kg (4lb)	2.2kg (5lb)	2.8kg (6.2lb)	5.3kg (11.7lb)
Permissible ambient temp and humidity	5-40°C, 80%	5-40°C, 80%	5-40°C, 80%	5-40°C, 80%
Dimensions [W × D × H]	150×260×80mm (5.9×10.2×3.1in)	320x180x108mm (12.6×7.1×4.3in)	160×280×85mm (6.3×11×3.3in)	215x360x112mm (8.5×14.2×4.4in)
Warranty	1 Year	2 Years	2 Years	2 Years
Price	\$195	\$330	\$462	\$539