



A & E Lab (UK) Co., Ltd

# Stirrer Hotplates

## Application:

We provide a variety of stirrer hotplates. Product ranges cover from economic to sophisticated types.

All hotplates come with the spill prevention, over heated protection and “Hot” status warning feature.

The stirring is actively controlled by digital sensor through a feedback mechanism for all of models regardless digital or analog. The stirrer speed is keeping unchanged regardless the changes in liquid property and/or environmental temperature, preventing the disengaged of the stir bar during stirring.

The digital types of the stirrer hotplates have much more sophisticated performance and safety feature to use in scientific research. The hotplate can be used with or without the probe, and have excellent control stability and accuracy. The unit will automatically beep and shut off when the probe left outside by negligent, or solution dried out, or sample solution. The external probe can be easily calibrated by adjusting the calibration screw.



ASHC-305L/306L

## Technical Specification:

Model	ASHC-301 Microcrystal Top Stirrer Hotplate	ASHC-302 Microcrystal Top Stirrer Hotplate	ASHA-501 Aluminum Top Stirrer Hotplate
Plate Dimension	160X160mm	300X300mm	150 Diameter Round Top
Heated Area	120X120mm	220X220mm	120 Diameter
Heated Power	500W	1500W	350W
Maximum Plate Temp.	550°C	550°C	350°C
Stirrer Speed (rpm)	150-1500		
Max. Stirring Capacity	20L		
Dimension (mm)	220X240X145	330X380X145	190X260X125
Net Weight (Kg)	3.6	8.5	2.5
Power Supply	230V, 50Hz or 110V,60Hz		



ASHC-301/302





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# Digital Stirrer Hotplates

Model	ASHC-305 Digital Stirrer Hotplate	ASHC-306 Digital Stirrer Hotplate	ASHA-505 Digital Stirrer Hotplate
Plate Dimension	160X160mm	300X300mm	150 Diameter Round Top
Heated Area	120X120mm	220X220mm	120 Diameter
Heated Power	500W	1500W	350W
Digital Control	PID	PID	PID
Control Accuracy	<+/-0.5°C for solution		
Digital Display	Dual: solution temp with probe; Plate temp without probe		
Display Resolution	0.1 with probe, 1 without probe.		
Safety Features	Warning light on, when plate above 50°C; Beep and shut off when the outside probe leaving solution or when the solution dry; When turn off, display keep on until below 50°C;		
Capable of Calibration	Yes		
Maximum Plate Temp.	550°C	550°C	350°C
Max Solution Temp	200°C		
Stirrer Speed (rpm)	100-1800		
Max. Stirring Capacity	20L		
Dimension (mm)	220X240X145	330X380X145	190X260X125
Net Weight (Kg)	3.6	8.5	2.5
Power Supply	230V, 50Hz or 110V,60Hz		
Accessories Remark	<b>The models with L (ASHC-305L, ASHC-306L, ASHA-505L) including accessories: probe, rod and probe clamp. Without L models (ASHC-305, ASHC-306, ASHA-505) not include any accessories.</b>		

Model	ASHC-307 Digital Stirrer Hotplate	ASHC-308 Digital Stirrer Hotplate	ASHA-507 Digital Stirrer Hotplate
Plate Dimension	160X160mm	300X300mm	150 Diameter Round Top
Heated Area	120X120mm	220X220mm	120 Diameter
Heated Power	500W	1500W	350W
Digital Control	PID	PID	PID
Control Accuracy	<+/-0.5°C for solution		
Digital Display	Selective display for setting temperature (plate or probe), real temperature (plate or probe), stirring speed		
Display Resolution	0.1 with probe, 1 without probe.		
Safety Features	Warning light on, when plate above 50°C; Beep and shut off when the outside probe leaving solution or when the solution dry; When turn off, display keep on until below 50°C;		
Capable of Calibration	Yes		
Maximum Plate Temp.	550°C	550°C	350°C
Max Solution Temp	200°C		
Stirrer Speed (rpm)	100-1800		
Max. Stirring Capacity	20L		
Dimension (mm)	220X240X145	330X380X145	190X260X125
Net Weight (Kg)	3.6	8.5	2.5
Power Supply	230V, 50Hz or 110V,60Hz		
Accessories Remark	<b>The models with L (ASHC-307L, ASHC-308L, ASHA-507L) including accessories: probe, rod and probe clamp. Without L models (ASHC-307, ASHC-308, ASHA-507) not include any accessories.</b>		