

Cole-Parmer® Hot Plates, Stirrers & Hot Plate Stirrers - HP-200, ST-200 and SHP-200

- The range of Undergrad hot plates includes dedicated hot plates, stirrers, and combination hot plate stirrer models
- Available in a choice of coated metal or ceramic tops
- Allows flexibility of vessel sizes and combinations; e.g. four 250mL beakers can easily fit on the hot plate surface at the same time
- BioCote® Antimicrobial Protection included on all products



Hot Plate Stirrer SHP-200

HP-200-S



ST-200-S



SHP-200-S



SHP-200D-S



HP-200-C



ST-200-C



SHP-200-C



SHP-200D-C



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Safety In Design

For safety, all units are designed to direct spills away from the user controls. For greater convenience and power saving, units are built with a standard mains switch (excluding stir only models). All units are incorporated with microprocessor-controlled dual thermocouples to ensure accurate temperature control and protection from overheating.

Power in Performance

Powerful magnets and motors allow remarkable stirring speeds (up to 2000 rpm) and mixing of large volumes of liquids (up to 15 L).

Temperature Controller

All hotplate models are compatible with the Cole-Parmer® Stuart® HP-200/SHP-200 temperature controller. Together with your Undergrad hotplate, the temperature controller ensures accurate temperature control of aqueous or oil based samples, up to a maximum of 200°C. The HP-200/SHP-200 temperature controller is automatically detected when plugged in.

Protected by BioCote®

BioCote® utilises silver ion, copper, zinc and organic additives to provide built-in antimicrobial protection; so the Cole-Parmer® Stuart® range can support a safer and more hygienic laboratory environment. By reducing levels of bacteria, mould and fungi, your BioCote® protected piece of equipment can help reduce the risk of cross-contamination and consequently disease transmission within the lab.

Temperature Controller HP-200/SHP-200



Technical Specification - Hot Plate Stirrer

					Hot Plates		Stirrers	
Specification	SHP-200-S	SHP-200D-S	SHP-200-C	SHP-200D-C	HP-200-S	HP-200-C	ST-200-S	ST-200-C
Plate material	Coated Aluminium/Silicon	Coated Aluminium/Silicon	Glass Ceramic	Glass Ceramic	Coated Aluminium/Silicon	Glass Ceramic	Stainless Steel	Glass Ceramic
Plate dimensions mm	150 x 150	150 x 150	150 x 150	150 x 150	150 x 150	150 x 150	150 x 150	150 x 150
Heated area mm	150 x 150	150 x 150	120 x 120	120 x 120	150 x 150	120 x 120	-	-
Heater power, watt	700	700	500	500	700	500	-	-
Max plate temp °C	325	325	450	450	325	450	-	-
Stirrer speed rpm	100 - 2000	100 - 2000	100 - 2000	100 - 2000	-	-	100-2000	-
Max stirring capacity L	15	15	15	15	-	-	15	-
Compatible with SCT2	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Control accuracy w/ SCT2, °C	±0.5	±0.5	±0.5	±0.5	±1°C	±1°C	-	-
Dimensions (w x d x h), mm	180 x 255 x 122	180 x 255 x 122	180 x 255 x 122	180 x 255 x 122	180 x 255 x 122	180 x 255 x 122	180 x 255 x 122	180 x 255 x 122
Net weight, kg	3.1	3.1	3.1	3.1	2.5	2.5	2.4	2.4
Power, watt	750	750	550	550	700	500	50	50
Electrical supply	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,	120V, 60Hz or 230V, 50Hz,
IP rating	32	32	32	32	32	32	32	32
Digital display version	N	Y	N	Y	-	-	-	-

Ordering Information

Description	Ordering Number	Model No.
Stirrer/hot plate, ceramic plate, 230V / 50Hz	04807-58	SHP-200-C
Stirrer/hot plate, ceramic plate, 120V / 60Hz	04807-59	SHP-200-C-120
Digital Stirrer/hot plate, ceramic plate, 230V / 50Hz	04807-62	SHP-200D-C
Digital Stirrer/hot plate, ceramic plate, 120V / 60Hz	04807-63	SHP-200D-C-120
Stirrer/hot plate, coated aluminium plate, 230V / 50Hz	04807-60	SHP-200-S
Stirrer/hot plate, coated aluminium plate, 120V / 60Hz	04807-61	SHP-200-S-120
Digital Stirrer/hot plate, coated aluminium plate, 230V / 50Hz	04807-64	SHP-200D-S
Digital Stirrer/hot plate, coated aluminium plate, 120V / 60Hz	04807-65	SHP-200D-S-120
Hot plate, ceramic plate, 230V / 50Hz	04807-50	HP-200-C
Hot plate, ceramic plate, 120V / 60Hz	04807-51	HP-200-C-120
Hot plate, coated aluminium plate, 230V / 50Hz	04807-52	HP-200-S

Ordering Information

Description	Ordering Number	Model No.
Hot plate, coated aluminium plate, 120V / 60Hz	04807-53	HP-200-S-120
Stirrer, ceramic plate, 230V / 50Hz	04807-54	ST-200-C
Stirrer, ceramic plate, 120V / 60Hz	04807-55	ST-200-C-120
Stirrer, stainless steel plate, 230V / 50Hz	04807-56	ST-200-S
Stirrer, stainless steel plate, 120V / 60Hz	04807-57	ST-200-S-120
Temperature Controller	04807-90	HP-200/SHP-200
Retort rod, 600 x 12 mm diameter	04805-91	HP-200/SHP-200
Probe holder for rod	04807-91	HP-200/SHP-200
PTFE coated temperature probe	04805-93	HP-200/SHP-200

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