

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

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



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

| Specification | Hot Plates | | | | Stirrers | | | |
|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | 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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