



HP/14802



HP/14804

Hotplates



Hotplate, general purpose

- Choice of top plate:
 - Robust coated aluminium
 - Chemically resistant ceramic
- Flashing "Hot" warning light, mains independent
- Accurate temperature control with LED setting scale
- Compact space saving design

Stylish and economical general purpose hotplate designed with safety as well as performance in mind. The compact shape takes up less bench space and makes storage easier. The hotplate has microprocessor control and an innovative LED based true °C temperature setting system rather than simply a 1 to 10 arbitrary scale. The unit can also be used in conjunction with the SCT1 digital contact thermometer to accurately control sample temperature rather than plate temperature. The "Hot" warning light will flash whenever the plate temperature is above 50°C even when the hotplate is turned off and unplugged from the mains.

Model UC150 has a glass ceramic top which has excellent chemical resistance. The surface is easy to clean and allows high plate temperatures for faster heating.

Model US150 has a robust aluminium/silicon alloy top plate for excellent heat transmission. The top plate has a thin ceramic coating for added chemical resistance.

Both models have an integral fitting for a retort rod and the bottom is shaped to allow a retort base to slide underneath the unit if required so saving further bench space.

Technical Specification

Model	US150	UC150
Plate Material	Coated Aluminium/Silicon	Glass ceramic
Plate Dimensions, mm	150 x 150	150 x 150
Heated Area, mm	150 x 150	120 x 120
Heater Power, Watt	700	500
Max plate temp, °C	325	450
Dimensions (w x d x h), mm	172 x 248 x 120	172 x 248 x 122
Net weight, kg	2.2	2.2
Electrical supply	230V, 50Hz	230V, 50Hz

Cat. No.	Code	Description
HP/14802	UC150	Hotplate, ceramic plate
HP/14804	US150	Hotplate, coated aluminium plate
SH/15644	SCT1	Digital contact thermometer
ST/14002	SR1	Retort rod, 600mm x 12mm diameter



HP/15002



HP/15004

Hotplates, general purpose, ceramic or metal top



Choice of robust aluminium or chemically resistant ceramic tops.

General purpose, reliable hotplates with compact A4 footprint. These hotplates have microprocessor control of temperature allowing a calibrated scale to be printed around the control dial in °C rather than an arbitrary 1 - 10 scale.

Advanced safety features:

- Flashing "hot" warning light to warn when top plate is too hot to touch (above 50°C)
- Spill proof design which helps deflect spills away from the controls and the user
- Independent safety circuit to protect against overheating

Model CB160 has a glass ceramic top which has excellent chemical resistance and allows high plate temperatures for faster heating. Model SB160 has a robust aluminium/silicon alloy top plate which will withstand the knocks of everyday use.

Technical specification

	CB160	SB160
Plate material	Glass ceramic	Al/Si alloy
Plate dimensions, mm	160 x 160	160 x 160
Heater power, W	500	700
Max. plate temp, °C	450	325
Overall dimensions (w x d x h)	190 x 300 x 110	190 x 300 x 110
Net weight, kg	2.5	2.5
Electricity supply	230V, 50-60Hz	230V, 50-60Hz