

UC150 and US150

Hotplates

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. A 700W element gives rapid heating and ensures even temperature distribution across the whole surface of the plate.

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 to make experiment setup quicker.

Technical Specification

	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
Contact thermometer socket	Yes	Yes
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, 700W	230V, 50Hz, 500W
IP Rating	32	32

Key Features

- 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



UC150



US150

Ordering Information

Model	Description
UC150	Hotplate, ceramic plate,
US150	Hotplate, coated aluminium plate,
SCT1	Digital temperature controller (see page 37)
SR1	Retort rod, 600mm x 12mm diameter