

# UC152 and US152

## Hotplate with Stirrer,

Stylish and economical general purpose hotplate stirrers designed with safety as well as performance in mind. The compact shape takes up less bench space and makes storage easier. The hotplate has an innovative LED temperature indicator scale and can also be used in conjunction with the SCT1 digital contact thermometer to accurately control sample 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. Powerful magnets and motor give stirring speeds up to 2000rpm and is capable of mixing large volumes (up to 15 litres \*).

Model UC152 has a glass ceramic top which has excellent chemical resistance. The surface is easy to clean and the thermal properties allow very high plate temperatures while ensuring the edges stay cooler, reducing the chance of accidental burns. The white surface ensures good visibility of colour changes.

Model US152 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 are supplied with 2 x 25mm PTFE coated stir bars.

## Technical Specification

	US152	UC152
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
Stirrer Speed, rpm	100 - 2000	100 - 2000
Maximum Stirring Capacity, L* 15		15
Dimensions (w x d x h), mm	172 x 248 x 120	172 x 248 x 122
Net weight, kg	2.9	2.9
Electrical supply	230V, 50Hz, 750W	230V, 50Hz, 550W
IP Rating	32	32

\* Based on water contained in a 20 litre glass bottom boiling flask.

## Key Features

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



UC152



US152

## Ordering Information

Model	Description
UC152	Stirrer/hotplate, ceramic plate,
US152	Stirrer/hotplate, coated aluminium plate,
SCT1	Digital temperature controller (see page 37)
SR1	Retort rod, 600mm x 12mm diameter