



SH/15622

## Magnetic stirrers, Analogue/digital



With a choice of robust aluminium or chemically resistant ceramic top, these stirrer hotplates fit into any laboratory environment. On the Analogue model, the temperature is displayed by means of a printed calibration scale rather than the arbitrary 1 – 10 scale. The LED temperature indicator surrounds the heater control knob and progressively illuminates to indicate the actual surface temperature. This provides a bright, obvious indication that the unit is hot, which can be seen from across the room.

The digital version replaces the LED temperature indicator with a digital display for those users who want to more accurately observe the hotplate surface temperature. Both digital units the UC152D & US152D are compatible with the SCT1 temperature controller for precise sample temperature control. All hotplate models feature a "Hot" warning light which will flash once the hotplate surface reaches 50°C. The "Hot" light will continue to flash even once the unit has been switched off and unplugged from the mains, until the surface temperature drops below 50°C.

- LED temperature indicator on analogue units
- Digital display of surface temperature on digital models
- Choice of glass ceramic or ceramic coated metal surface
- Hot warning light, remains active even when unplugged
- Compact design to save bench space
- Units can be stored on side, minimising required storage space
- Design allows retort base to slide underneath
- Digital models are compatible with SCT1 temperature controller

Technical Specifications	US152+US152D	UC152+UC152D
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
Maximum Stirring Capacity, L*		15
Dimensions (w x d x h), mm	172 x 248 x 120	172 x 248 x 122
Net weight, kg		2.9
Electrical supply		230V, 50Hz, 750W

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



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Cat. No.	Code	Description
SH/15620	UC152	Stirrer/hotplate, ceramic plate, analogue
SH/15622	US152	Stirrer/hotplate, coated aluminium plate, analogue
SH/15624	UC152D	Stirrer/hotplate, ceramic plate, digital
SH/15626	US152D	Stirrer/hotplate, coated aluminium plate, digital
SH/15644	SCT1	Digital control thermometer
ST/14002	SR1	Retort rod, 600mm x 12mm diameter

## Temperature Controller, accessory SCT1



For accurate temperature control of aqueous or oil based samples in the laboratory. The SCT1 is designed for use with Stuart stirrer hotplates. It can be used as a precise temperature controller up to a maximum of 200°C or as a digital thermometer up to 325°C.

It features an in-built clamp to allow either horizontal or vertical retort rod mounting. The stainless steel temperature probe can be detached allowing removal of the main body of the SCT1 temperature controller from potentially damaging fumes. The SCT1 temperature controller regulates the hotplate to accurately control the temperature of the sample, which is set via the large LED display.

- Accurate liquid temperature control
- Built in retort fitting and probe holder
- Detachable temperature probe
- Bright, easy to read LED display
- With BioCote® antimicrobial protection

Technical Specifications	SCT1
Sensor type	PT100
Probe	Stainless steel
Temperature range °C	50° to 200°C
Accuracy, °C	±0.5°C
Resolution	1°C
Dimensions (WxDxH)	90mm x 75mm x 123mm
Weight	0.3kg (inc. probe)

Cat. No.	Code	Description
SH/15644	SCT1	Contact thermometer, digital
SH/15646	SCT1/1	Probe holder
SH/15648	SCT1/2	PTFE probe
ST/14002	SR1	Retort rod, 600mm x 12mm diameter



SH/15644