

Temperature Controller, accessory SCT1



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

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.



SH/15644

Technical specification	SCT1
Sensor type	PT100
Probe	Stainless steel
Temperature range °C	50° to 200°C
Accuracy, °C	±0.5°C
Resolution	1°C
Dimensions (w x d x h)	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

Stirrer, magnetic, 3 position with hotplate, SB162-3



- Three independently controlled stirring/heating positions
- Separate "Hot" warning lights for each plate
- Powerful magnets for strong magnetic coupling

A space saving and economical unit with 3 independent heating/stirring positions in a footprint only 600 x 270mm. Easily accommodates 3 x 2 litre beakers.

Unit only requires one power point and is ideal for quality control applications where multiple samples require simultaneous heating and stirring, under the same conditions.

A "Hot" warning light for each plate will flash whenever its temperature is above 50°C and will operate even when the hotplate is turned off and connected to the mains. The top plates are a robust aluminium/ silicon alloy, providing even plate temperature. Powerful magnets and motor give stirring speed up to 1500rpm and volumes up to 15 litres.*

Supplied complete with 3 x 25mm PTFE coated stir bars.



SH/15702

Technical specification	
Plate material	Al/Si alloy
Individual plate dimensions, mm	160 x 160
Heater power, W	3 x 700
Maximum plate temperature. °C	325
Speed range, rpm	100 to 1500
Overall dimensions (w x d x h), mm	600 x 270 x 110
Net weight, kg	11
Electricity supply	230V, 50Hz, 2250W
*Based on water contained on a 20 litre glass bottom boiling flask.	

Cat. No.	Model	Description
SH/15702	SB162-3	Stirrer, magnetic, 3 position with heating
ST/14004	SR3	Retort rod, 600mm plus bracket