

# Hotplate Stirrers

## Temperature Controller, SCT1

- Accurate liquid temperature control
- Built in retort fitting and probe holder
- Detachable temperature probe
- Bright, easy to read LED display
- Compact and light weight
- Comprehensive range of accessories

The Stuart® SCT1 temperature controller is the ideal instrument for the accurate temperature control of aqueous or oil based samples in the laboratory. Designed for use with the Stuart® metal top (SC162) or ceramic top (CC162) hotplate stirrers, the SCT1 can be used either as a precise controller of temperature up to a maximum of 200°C or as a digital thermometer up to 325°C.

The SCT1 temperature controller features an in-built clamp allowing the controller to be mounted either on a horizontal or vertical retort rod, providing flexible positioning of the controller. In addition, the stainless steel temperature probe, used to measure the temperature of the sample, is detachable, allowing the main body of the SCT1 temperature controller to be positioned away 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. When not in use the temperature probe can be held securely by the in-built probe holder.

A range of accessories is available to allow for a complete set up of temperature controller, probe and stirrer hotplate in the laboratory. An accessory probe holder clamps on to a retort rod to allow secure positioning of the temperature probe in the sample. A PTFE probe is also available as an accessory for those applications requiring a chemically resistant probe. The SCT1 is supplied as standard with a stainless steel probe.

### 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, mm (w x d x h) | 90 x 75 x 123    |
| Net weight, kg             | 0.3 (inc. probe) |
| IP Rating                  | 54               |

### Ordering Information

| Model  | Description                     |
|--------|---------------------------------|
| SCT1   | Temperature controller, digital |
| SCT1/1 | Probe holder                    |
| SCT1/2 | PTFE probe                      |

**NB: the SCT1 can only be used with the SC162 and CC162. It is not compatible with any other Stuart® hotplate stirrer**



SCT1 with SCT1/1 Probe Holder



SCT1