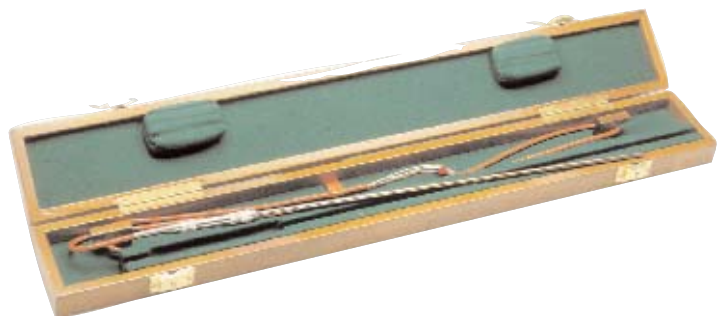


SRS Reference Probes

Semi Standard PRTs



- **High Stability Reference Probes**
Use selected premium grade platinum element
- **Wide Temperature Ranges**
from -50 to 650 °C
- **Low Drift**
- **Thermally treated**
ensure high stability and remove impurities
- **Metal Sheathed**
Less Fragile and cost effective

All SRS thermometers are metal sheathed and less fragile of the traditional SPRT's and therefore more suitable for industrial applications such as for use as working standards in Dry Blocks or Temperature Liquid baths.

SRS's only use premium grade coil wound platinum sensing element to provide maximum accuracy but, more importantly, excellent stability and minimum drift.

All the thermometers are thermally preconditioned to ensure long term stability and to minimise the risk of contamination when used at high temperatures.

SRS's range of reference thermometers can be supplied together with our range of high accuracy digital thermometers and indicators, to make an ideal solution for use as Reference Standards during temperature calibration routine.

Optional UKAS calibration certificate is available to calibrate to the smallest uncertainties. Temperature Calibration points can be specified to suit operating ranges and applications.

ANGLED PROBE

The SRS-PRT-03-A168B and SRS-PRT-45-A195B are especially designed for use with Industrial dry Block temperature calibrators and liquid baths- The 90 C bent design provides maximum clearance to the top of the calibration bath.

The unique design makes it possible to calibrate threaded sensors and sensors with head such as temperature transmitters.



SRS-PRT-03-A168B

| Part Number | Range | Diameter | Immersion Depth | Handle | Application |
|---------------------------|--|----------|-----------------|--------|------------------|
| SRS-PRT-03-A168B | -40 to 250 Deg °C | 3 mm | 168 mm angled | no | PTB150/PLB200 |
| SRS-PRT-45-A195B | -40 to 650 Deg °C | 4.5 mm | 195 mm angled | no | PTB 600 |
| SRS-PRT-45-S480B | -40 to 650 Deg °C | 4.5 mm | 480 mm Straight | yes | Working Standard |
| SRS-PRT-60-S480B | -40 to 650 Deg °C | 6.0 mm | 480 mm Straight | yes | Working Standard |
| SRS-CASE-01 | Robust wooden case for transport (not for angled probe) | | | | |
| UKAS certificate 5 Points | | | | | |
| UKAS-SRS-PRT-01 | Range -30 to 200 °C | | | | |
| UKAS-SRS-PRT-02 | Range 50 to 650 °C | | | | |
| UKAS-SRS-PRT-03 | Range -30 to 650 °C | | | | |

General specifications are:

Ro 100 ohm \pm 0.05 ohm (Pt 100 A Class)

Alpha 0.003850 \pm 0.000005

Standard IEC 60751

Stability 0.010 ohm/year

Sensing Element length 15 mm

Metal Sheath

4 Wires Type

Supplied with 2 metre cable and banana plugs