

**Precision PRTs**  
High accuracy reference temperature measurements in temperature sources on the bench or in the field.

**5627A Precision Industrial PRT**

- Vibration and shock resistant
- Calibration accuracy of  $\pm 0.046\text{ }^{\circ}\text{C}$  at  $0\text{ }^{\circ}\text{C}$
- Available with a  $90^{\circ}$  bend
- NVLAP-accredited calibration included, lab code 200706-0

**5618B Small Diameter Industrial RTD**

Fast response for time-dependent measurements.

- Small diameter sheath, 3.2 mm (0.125 in)
- Excellent stability
- Includes ITS-90 coefficients
- NVLAP accredited calibration, lab code 200706-0

[www.flukecal.eu/5618B](http://www.flukecal.eu/5618B)



[www.flukecal.eu/5627](http://www.flukecal.eu/5627)

**5615 Secondary Reference Temperature Standards**

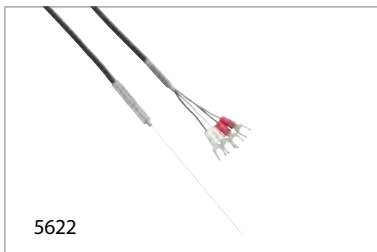
- $-200\text{ }^{\circ}\text{C}$  to  $420\text{ }^{\circ}\text{C}$
- Calibrated accuracy  $\pm 0.010\text{ }^{\circ}\text{C}$  at  $0\text{ }^{\circ}\text{C}$
- NVLAP-accredited calibration included, lab code 200706-0

**5606 Full Immersion PRT**

Fully immerse PRT transition junction inside freezers or furnaces.

- Transition junction designed to withstand full temperature range of probe
- $-200\text{ }^{\circ}\text{C}$  to  $160\text{ }^{\circ}\text{C}$
- Calibration accuracy of  $\pm 0.05\text{ }^{\circ}\text{C}$  (full range)
- Optional NVLAP accredited calibration

[www.flukecal.eu/5606](http://www.flukecal.eu/5606)



[www.flukecal.eu/5615](http://www.flukecal.eu/5615)

**5608/5609/5609-BND Secondary Reference PRTs**

Drift rate of  $\pm 0.01\text{ }^{\circ}\text{C}$  at  $0\text{ }^{\circ}\text{C}$  after 100 hours at max temperature.

- 5608:  $-200\text{ }^{\circ}\text{C}$  to  $500\text{ }^{\circ}\text{C}$  (80 mm minimum immersion)
- 5609:  $-200\text{ }^{\circ}\text{C}$  to  $670\text{ }^{\circ}\text{C}$  (100 mm minimum immersion)
- Comes with certificate of compliance - optional NVLAP-accredited calibration

**Thermistors**

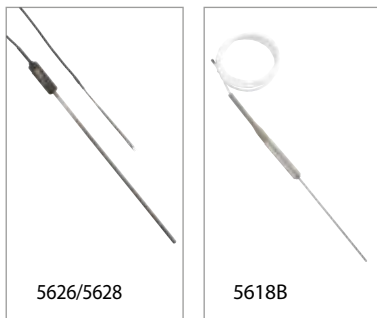
Providing accurate and rugged temperature measurements from  $0\text{ }^{\circ}\text{C}$  to  $100\text{ }^{\circ}\text{C}$ .

**5610/5611/5611T Secondary Reference Thermistor Probes**

Economical lab-grade thermistor probes with low drift susceptibility.

- Short-term accuracy to  $\pm 0.01\text{ }^{\circ}\text{C}$ ; one-year drift  $< \pm 0.01\text{ }^{\circ}\text{C}$
- 5610: 3.2 mm diameter stainless steel sheathed thermistor
- 5611: 1.5 mm diameter (tip) silicone coated thermistor
- 5611T: 3 mm diameter (tip) PTFE encapsulated thermistor

[www.flukecal.eu/5610](http://www.flukecal.eu/5610)

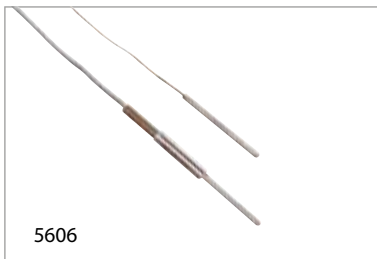


[www.flukecal.eu/5608](http://www.flukecal.eu/5608)

**5622 Fast Response PRTs**

- Time constants as fast as 0.4 seconds
- Small probe diameters ranging from 0.5 mm to 3.2 mm (four models available)
- Available as DIN/IEC Class A PRTs or with optional NVLAP-accredited calibration, lab code 200348-0

[www.flukecal.eu/5622](http://www.flukecal.eu/5622)



**5626/5628 Secondary SPRT, PRT, Temperature Sensors**

- Range to  $661\text{ }^{\circ}\text{C}$
- Meets all ITS-90 requirements for resistance ratios
- Rtp drift  $< 20\text{ mK}$  after 500 hours at  $661\text{ }^{\circ}\text{C}$
- Calibrated accuracy of  $\pm 0.006\text{ }^{\circ}\text{C}$  at  $0\text{ }^{\circ}\text{C}$
- NVLAP accredited fixed point calibration

[www.flukecal.eu/5622](http://www.flukecal.eu/5622)

