

Temperature Calibration

Temperature Calibration laboratory offers independent calibration and testing for all types of temperature probes, sensors, loggers and transmitters from any manufacturer. Calibration is made under the guidelines of ISO 17025 and has full traceability back to national standards. Calibrations are referenced to high accuracy PRTs or standard thermocouples.

A range of reference equipment enables the calibration technician to offer the best measurement solution for the type of probe on test, from climatic chambers, dry block calibrators, radiometric thermal discs and stirred liquid baths. The laboratory covers the temperature range of -60°C to 1200°C.

A range of portable reference equipment is available for on-site calibration of ovens, furnaces, weather stations, air conditioning sensors and environmental chambers.

Parameters

- On-Site Calibration Facility
- Uncertainty
 - 0 – 200°C CMC $\pm 0.1^\circ\text{C}$
 - 200 – 600°C CMC $\pm 0.5^\circ\text{C}$
 - 600 – 1200°C CMC $\pm 2^\circ\text{C}$
- Dry & Wet Calibration facility



Instruments

- Thermometers
- Thermocouples
- PRTs and Thermistors
- Thermal Cameras
- Infrared Meters
- Data Acquisition Systems
- Digital Thermometers and Probes
- Dial Thermometers
- Furnaces
- Chambers
- Weather Stations

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