

Pressure

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Remarks
-12 psi to 100 psi	0.025 psi	For the calibration of Analog gauges, Digital gauges, Pressure transducers, Pressure calibrators. Comparison method with pneumatic digital pressure calibrator.
0 psi to 500 psi	0.16 psi	For the calibration of Analog gauges, Digital gauges, Pressure transducers, Pressure calibrators. Comparison method with pneumatic digital pressure calibrator.
0 psi to 3000 psi	0.8 psi	For the calibration of Analog gauges, Digital gauges, Pressure transducers, Pressure calibrators. Comparison method with pneumatic digital pressure calibrator.
200 psi to 16000 psi	4 psi	For the calibration of Analog gauges, Digital gauges, Pressure transducers, Pressure calibrators. Hydraulic deadweight tester.
-15 kPa to 15 kPa	0.02 kPa	For the calibration of Analog gauges, Digital gauges, digital pressure calibrator. Comparison method with differential or static digital pressure calibrator.
35 kPa to 200 kPa	0.026 kPa	For the calibration of absolute Analog gauges, Digital gauges, digital pressure calibrator. Comparison method with differential or static digital pressure calibrator.

Thermometry

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Remarks
0.01 °C, triple point of water	0.011 °C	For the calibration of Resistance Temperature Devices (RTD) and Platinum Resistance Temperature Devices (PRT) using a Triple point of water cell.
29.7646 °C, melting point of gallium	0.008 °C	For the calibration of Resistance Temperature Devices (RTD) and Platinum Resistance Temperature Devices (PRT) using a Gallium melting point cell.

For the calibration of Resistance Temperature Devices (RTD) by direct comparison using a reference PRT probe.

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-20 °C to 120 °C	0.08 °C

For the calibration of Platinum Resistance Temperature Devices (PRT) by direct comparison using a reference PRT probe.

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty
-196 °C	0.06 °C
0 °C to 165 °C	0.07 °C
165 °C to 410 °C	0.09 °C



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