

TEMPERATURE MEASUREMENT

<u>Range</u>	<u>Uncertainty</u>	<u>Cal. Device</u>	<u>Notes</u>
-20°C to 250°C	±0.08°C	ASL F25/F250	Glycol/water bath/Silicon oil bath
35°C to 500°C	±0.5 to 0.8°C	Fluke 4181 IR Calibrator	
-20°C to 250°C	±0.05 to 0.1°C	6mm OD Pt100 RTD	Via Newport Ind.
0°C to 650°C	±0.05 to 0.1°C	6mm OD Pt100 RTD	Via Newport Ind.
K type (-200°C to 1370°C) Thermocouple	0.1°C to 1.5°C	Unomat TRX Calibrator	Simulate/measure
J type (-210°C to +1200°C) Thermocouple	0.1°C to 1.5°C	Unomat TRX Calibrator	Simulate/measure
T type (-250°C to +400°C) Thermocouple	0.1°C to 1°C	Unomat TRX Calibrator	Simulate/measure
Thermocouple types K, J, T, B, C, E, N, R, S (-250°C to 2320°C)	0.15°C	Wavetek 9100 Calibrator	Generate only
Pt100 (-200°C to 850°C)	0.05°C	Wavetek 9100 Calibrator	Generate only

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