Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1, and 9001

Cert. No.: 6430-SAMPLE

Traceable® Certificate of Calibration for Excursion-Trac Datalogging

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 6430,94460-07 S/N: SAMPLE Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	B16388		
Temperature Calibration Bath	B9C297		
Digital Thermometer	B79492	26 Nov 2025	1000510947
Thermistor Module	8A070	18 Sep 2025	1000508290
Temperature Probe	5496	26 Nov 2025	15-F3I1R-20-1
Temperature Probe	5498	26 Nov 2025	15-F3I1R-40-1
PRT Temperature Probe	5510	12 Mar 2026	4500056092

Certificate Information:

Technician: 420 Procedure: CAL-6430 Cal Date: 12 Aug 2025 Cal Due Date: 12 Aug 2027

Test Conditions: 65.37%RH 24.19°C 1020mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
P1 °C	N.A.	N.A.		-40.007	-39.96	Y	-40.26	-39.76	0.024	>4:1
P1 °C	N.A.	N.A.		0.001	-0.01	Y	-0.25	0.25	0.01	>4:1
P1 °C	N.A.	N.A.		50.001	50.00	Y	49.75	50.25	0.01	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement : (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. Conformance based on Simple Acceptance as a Decision Rule, as defined in ILAC G8, with a measurement uncertainty value that will not exceed 50% of the tolerance unless otherwise stated by the customer. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) – Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez

Nicol Rodriguez, Quality Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Excursion-Trac Datalogging Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Excursion-Trac Datalogging Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 12 Aug 2025

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