

Certificate of Calibration

Certificate #: 963-2 Cal date: 10/8/2020
Model #: 0.385 alpha, 3 wire RTD Due Date: 10/8/2021
Serial #: 1/2"L 3-wire RTD PO #: 1626
Description: P3A-TBSX-250-PX-0.5-PFSB-72-STWL

Customer Info:

Evolution Sensors and Controls
46 South Main Street, Suite C & D
Mullica Hill, NJ 08062

Calibration Data:

<u>Reference Temperature</u>	<u>3 wire RTD</u>
-70.27°C	-71.0
260.04°C	259.4

Total measurement uncertainty = $\pm 0.420^{\circ}\text{C}$

This calibration was performed using industry accepted methods, those by recognized organizations (ASTM) or by known intrinsic standards.

The test equipment listed below was used to perform the calibration with the measurement uncertainties shown above. Our Primary Standards are calibrated annually and biennially by an ISO/IEC 17025 accredited calibration laboratory and thus are traceable to NIST. This certificate shall not be reproduced, except in full, without the written consent of Accurate Thermal Systems

Calibration Procedure: 110ATS Ambient: $24^{\circ}\text{C} \pm 4$ Humidity: below 80%

Measurement and Test Equipment

<u>Model</u>	<u>Description:</u>	<u>Manufacturer</u>	<u>S/N:</u>	<u>Cal Date:</u>	<u>Due Date:</u>
PTC-8010	T/C Calibrator	Martel Inc	4967498	5/11/2020	5/11/2021
AM1730-12	SPRT Probe	Accumac Inc	1730022	12/23/2019	12/23/2020
4212C	PRT Readout	Instrulab Inc	15222	12/19/2019	12/19/2020

Calibrated by:

Damen Jager



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