

N.I.S.T. TRACEABLE



CERTIFICATE OF CALIBRATION AND TESTING

S/N: _____

This is to certify that the above instrument was calibrated in accordance with the manufacturer's specifications. Tests were performed using methods that preserve NIST traceability for the instrument.

STANDARDS USED

Thermoworks Microcal 2 Type K Simulator

-200°C to 1372°C ±0.2°C

Vaportron-H-100CL Precision Humidity Lab

RH: 3 to 95% RH with 1.5% accuracy from 20 to 90% RH

Dew Point: -20°C to +40°C Dew Point with accuracy ±0.2°C

Vaportron-H-100L Precision Humidity Lab

RH: 3 to 95% RH with 1.5% accuracy from 20 to 90% RH

Dew Point: -20°C to +40°C Dew Point with accuracy ±0.2°C

4400T Alpha Technics Digital Thermometer

0°C to 70°C: ± 0.025°C

0°C to 100°C: ± 0.030°C

-20°C to 130°C: ± 0.050°C

4500T Alpha Technics Digital Thermometer (W/ SP642 Probe)

0 to 50°C: ± 0.010°C

-20 to 70 °C: ± 0.015°C

-40 to 100°C: ± 0.040°C

100 to 150°C: ± 0.150°C

4600T Alpha Technics Digital Thermometer (W/ SP810 Probe)

0°C to 70°C: ± 0.025°C

-20°C to 125°C: ± 0.050°C

-40°C to 150°C: ± 0.150°C

NESLAB RTE-111 Temperature Bath with external chamber

NESLAB RTE-140 Temperature Bath with external chamber

NESLAB RTE-740 Temperature Bath with external chamber



Certifying Metrologist

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TEMPERATURE/HUMIDITY DATA LOGGER CALIBRATION REPORT

Date	Report No.
Customer	Serial No.
Model	Asset No.
Description	Customer PO

STANDARDS USED

Ambient Temperature: Ambient Humidity: Battery Replaced:

CALIBRATION SUMMARY

VALUE	STANDARD	ACTUAL INDICATION	DEVICE UNDER TEST	INDICATION	ERROR	TOLERANCE	PASS/FAIL
AS RECEIVED DATA							
25%RH @ 20°C	25.0		25.0		0.0	±3%RH	PASS
75%RH @ 20°C	75.0		75.0		0.0	±3%RH	PASS
-20°C	-20.0		-20.0		0.0	1.0°C	PASS
20°C	20.0		20.0		0.0	0.5°C	PASS
60°C	60.0		60.0		0.0	1.0°C	PASS
FINAL CALIBRATION DATA							
25%RH @ 20°C	25.0		25.0		0.0	±3%RH	PASS
75%RH @ 20°C	75.0		75.0		0.0	±3%RH	PASS
-20°C	-20.0		-20.0		0.0	1.0°C	PASS
20°C	20.0		20.0		0.0	0.5°C	PASS
60°C	60.0		60.0		0.0	1.0°C	PASS

Comments:

Calibrated Date	Calibrated By	Willie Miller
Next Due Date	Checked By	

ALL COMPARISON STANDARDS ARE NIST TRACEABLE



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