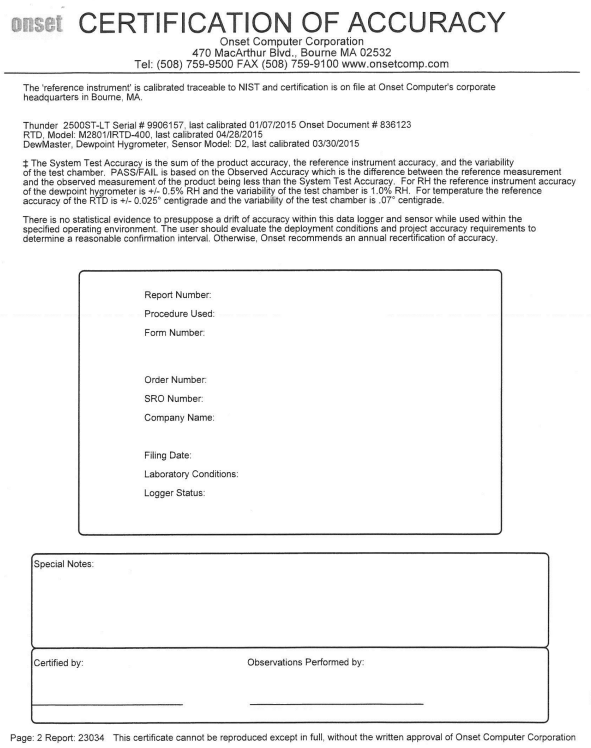
NIST-TEMP-POINT

NIST Temperature Point Certification



onset CERTIFICATION OF ACCURACY

Onset Computer Corporation
470 MacArthur Blvd., Bourne MA 02532
Tel: (508) 759-9500 FAX (508) 759-9100 www.onsetcomp.com

The 'reference instrument' is calibrated traceable to NIST and certification is on file at Onset Computer's corporate headquarters in Bourne, MA.

Thunder 2500ST-LT Serial # 9906157, last calibrated 01/07/2015 Onset Document # 836123
RTD, Model: M2801/RTD-400, last calibrated 04/28/2015
DewMaster, Dewpoint Hygrometer, Sensor Model: D2, last calibrated 03/30/2015

‡ The System Test Accuracy is the sum of the product accuracy, the reference instrument accuracy, and the variability of the test chamber. PASS/FAIL is based on the Observed Accuracy which is the difference between the reference measurement and the observed measurement of the product being less than the System Test Accuracy. For RH the reference instrument accuracy of the dewpoint hygrometer is +/- 0.5% RH and the variability of the test chamber is 1.0% RH. For temperature the reference accuracy of the RTD is +/- 0.025° centigrade and the variability of the test chamber is .07° centigrade.

There is no statistical evidence to presuppose a drift of accuracy within this data logger and sensor while used within the specified operating environment. The user should evaluate the deployment conditions and project accuracy requirements to determine a reasonable confirmation interval. Otherwise, Onset recommends an annual recertification of accuracy.

Report Number:
Procedure Used:
Form Number:

Order Number:
SRO Number:
Company Name:

Filing Date:
Laboratory Conditions:
Logger Status:

Special Notes:

Certified by:

Observations Performed by:

Page: 2 Report: 23034 This certificate cannot be reproduced except in full, without the written approval of Onset Computer Corporation

Call to order: 1-508-759-9500

Temperature point certification charge on a per-data logger basis.

Important Information
NIST testing usually takes between 1-2 weeks.

Features

- **Flexible Ordering**
  - Onset's NIST certification service allows you to choose the temperature points to be tested. Temperature points chosen must be within the operating temperature range of the data logger(s). For each temperature data logger to be certified, order the following:
    - Order one NIST Traceable Setup (NIST-SETUP).
    - Multiply the number of temperature points times the number of channels on the data logger to be certified, and order this many NIST-TEMP-POINTS.
      - For example, an order for a 3-point NIST certification for a HOBO Temp at -10°C, +20°C, and +60°C, would include:
      - 1 x NIST-SETUP set-up charge @ $51
      - 3 x NIST-TEMP-POINT (for 3 points times 1 channel) @ $51 each = $153
      - Total Cost: $204
- **Certifying Data Loggers You Already Own**
  - NIST traceable certification is also available for Onset temperature data loggers you already own at the same price as for new data loggers. Before returning a data logger for certification, please contact Onset's Technical Support Department for a Service Request Order (SRO) number. Onset can only accept data loggers that have a valid SRO number.?
- **Certification of Compliance Also Available**
  - This certification states that the individual data logger is in compliance with its specification as described in its product manual and has passed all applicable test.

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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