

## Temperature Data Logger



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## Specifications

**Alarm Type:** LED Indicator; Visual

**Ambient Operating RH Conditions :** 0-95% RH non-condensing (Logger only)

**Ambient Operating Temperature Conditions:** -10 to 176F (-23 to 80C)

**Battery Life (Avg):** 1 Year

**Cable Details:** USB - Male Series A plug to 5 pin Male Series B mini plug.

**Cable Length:** 6ft

**Calibration Options:** N100, N300, N400, N520

**Channels:** CH1: Temperature (external; KTC) CH2: Temperature (internal)

**Data Capacity:** 32,512

**Delayed Start:** Yes

**Dimensions:** 0.9 x 2.1 x 3.1in

**Download Time:** 1 Minute

**Download Type:** USB

**IP Rating:** 20

**Included Accessories:** CR2450 Lithium Battery, Quick Start Guide and 4' Bead-Wire Probe. \*Software is not included.

**Minimum Software Version Required:** 10.0

**PC Requirements:** Microsoft Windows 98 or better; 16 MB RAM, 1 free USB root hub, CD drive, VGA monitor or better

**Power Source:** CR2450 Lithium Battery (User Replaceable)

**Power Status Indicator:** LED Indicator

**Remote Sensor Length:** 4

**Remote Sensor Type:** 1 K T/C with Mini Connector

**Sample Interval:** User Selectable (from 1 second to 24 hour intervals, in 1 second increments).

**Software Options:** A016, A026

**Temperature Accuracy:** +/-1.8F from -22 to 122F [External Sensor] 3.8F Remaining (+/-1C from -30 to 50C [External Sensor] 2.1C Remaining)

**Temperature Range:** -300 to 2000F (-185 to 1100C)

**Temperature Sensor Type:** Thermistor/Thermocouple

**Unit Weight:** 1 lb

**Units/Pkg:** 1

**Warranty:** 12-Month Limited

## Calibrations

**N100** 1-Point NIST Traceable Calibration

**N300** 3-Point NIST Traceable Calibration

**N400** 3-Point Ultima NIST A2LA Accredited Calibration

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## Accessories



### **A016 - Software**

DicksonWare Software with USB Cable



### **A026 - Secure Software**

DicksonWare Secure Software with USB Cable



### **A340 - Glass Beads Bottle**

Bottle of Glass Bead Solution - Dampen Temperature Swings.



### **N520 - Certificate of Validation**

Certificate of Validation



### **D611 - Shielded Immersion Probe**

15' (4.5m) Shielded Thermocouple with 4" (10cm) stainless steel tip

## Accessories



**A202 - Thermocouple Extension**  
K-Thermocouple 100' (30m) Extension Cable



**R013 - Temperature Probe**  
Replacement Bead Wire Temperature Probe



**A203 - Temperature Probe**  
6" (15cm) High Temperature Immersion Probe



**D617 - Probe Extension**  
K-Thermocouple 10' (3m) Extension Cable



**A713 - Case**  
Small Water-Resistant Pouch



**A715 - Wall Mount Case**  
Small Locking Wall Mount Case

## Accessories



**A124 - CR2450 Battery**  
3 Volt Lithium Coin Cell Battery



**A061 - USB Download Cable**  
USB Download Cable - length 6 feet (2m)