

## Display Temperature Data Logger



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## Specifications

**Alarm Type:** Audio/Visual on High/Low Temp Limits

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

**Ambient Operating Temperature Conditions:** -4 to 158F (-20 to 70C)

**Approvals:** CE

**Battery Backup:** Yes, with use of AC Adapter

**Battery Life (Avg):** 6 Months

**Cable Details:** USB - Male Series A plug to 5 pin Male Series B mini plug. Serial - 9 pin female D-shell to male 2.5mm stereo plug

**Cable Length:** 6ft

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

**Channels:** CH1: Temperature, CH2: Temperature

**Data Capacity:** 32,000 (16,000 per Channel)

**Dimensions:** 1.6 x 3 x 4in

**Display Dimensions Height:** 1.375

**Display Dimensions Width:** 2.0

**Display Resolution:** 0.1 from 0.0 to 999.99; 1 over 1000

**Display Type:** LCD

**Display Update Rate:** 10 Seconds (Battery Power), 1 Second (AC Power)

**Download Time:** 1 Minute (USB), 3 Minutes (Serial)

**Download Type:** USB / Serial / Flash Card

**IP Rating:** 20

**Included Accessories:** Four AA Batteries, Quick Start Guide and Two 4' Bead-Wire Probes. \*Software is not included.

**Memory Type:** EEPROM, Removable Flash Storage Device

**Minimum Software Version Required:** 8.3

**Mounting Options:** Wall Mount (With Keyhole)

**Network Connectivity:** MP100

**PC Requirements:** Microsoft Windows 98 or newer, 16 MB RAM, 1 free COM (serial) port with dedicated interrupt or 1 USB root hub, CD drive, VGA monitor or better

**Power Source:** Four AA Batteries (User Replaceable) \*AC Adapter is not included, but can be used.

**Power Source Notes:** AC Power is optional, but not included.

**Power Status Indicator:** LCD Display

**Remote Sensor Length:** 4

**Remote Sensor Type:** 2 K T/C with Mini Connectors

**Response Time:** 30 Seconds to 63% of Full Scale

**Sample Interval:** User Selectable (from 1 second to 24 hour intervals, in 1 or 10 second increments).

**Software Options:** A015, A016, A025, A026

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

**Temperature Range:** -300 to 2000F (-184 to 1093C)

**Temperature Sensor Type:** Thermistor/Thermocouples

**Unit Weight:** 3 lbs

**Units/Pkg: 1**

**Warranty: 12-Month Limited**

## Accessories SM325



**Software**  
DicksonWare Software with Serial Cable



**Software**  
DicksonWare Software with USB Cable



**Software**  
DicksonWare Secure Software with Serial Cable



**Software**  
DicksonWare Secure Software with USB Cable



**Certificate of Validation**  
Certificate of Validation



**Card Reader Kit**  
Includes USB Reader and Flash Memory Card

## Accessories SM325



### Memory Card

Removable Flash Memory Card



### Glycol Bottle

Bottle of Propylene Glycol Solution - dampen temperature swings.



### Thermocouple Extension

K-Thermocouple 100' (30m) Extension Cable



### Shielded Immersion Probe

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



### Temperature Probe

6" (15cm) High Temperature Immersion Probe



### Piercing Probe

4" (10cm) Thermocouple Handled Piercing Probe

## Accessories SM325



### Immersion Probe

5" (13cm) Thermocouple Handled Immersion Probe



### Probe Extension

K-Thermocouple 10' (3m) Extension Cable



### Temperature Probe

Replacement Bead Wire Temperature Probe



### AC Adapter

AC Adapter



### AA Batteries

4 Pack AA Lithium Batteries



### AA Battery

AA Alkaline Battery

## Accessories SM325



### Universal Plug Kit for AC Adapter

Set of Three International Power Plugs for AC Adapter



### USB Download Cable

USB Download Cable - length 6 feet (2m)



### Serial Download Cable

Serial Download Cable - length 6 feet (2m)



### Software

Logger Calibration Software

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## Calibrations

**N100** 1-Point NIST Traceable Calibration

**N300** 3-Point NIST Traceable Calibration

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