

Display Temperature Data Logger



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)

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

Calibrations

N100: 1-Point NIST Traceable Calibration

N300: 3-Point NIST Traceable Calibration

N400: 3-Point Ultima NIST A2LA Accredited Calibration

Accessories



A016 - Software

DicksonWare Software with USB Cable



A026 - Secure Software

DicksonWare Secure Software with USB Cable



N520 - Certificate of Validation

Certificate of Validation



A220 - Card Reader Kit

Includes USB Reader and Flash Memory Card

Accessories



A210 - Memory Card
Removable Flash Memory Card



A340 - Glass Beads Bottle
Bottle of Glass Bead Solution - Dampen Temperature Swings.



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



D611 - Shielded Immersion Probe
15' (4.5m) Shielded Thermocouple with 4" (10cm) stainless steel tip



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

Accessories



D605 - Piercing Probe
4" (10cm) Thermocouple Handled Piercing Probe



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



R013 - Temperature Probe
Replacement Bead Wire Temperature Probe



R157 - AC Adapter
AC Adapter



A062 - AC Adapter Extension Cable
10' Power Extension for AC Adapter

Accessories



A126 - AA Batteries
4 Pack AA Lithium Batteries



R006 - AA Battery
AA Alkaline Battery



R065 - Universal Plug Kit for AC Adapter
Set of Three International Power Plugs for AC Adapter



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



A060 - Serial Download Cable
Serial Download Cable - length 6 feet (2m)