

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

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 4' Bead-Wire Probe. *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: 1 K T/C with Mini Connector

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/Thermocouple

Unit Weight: 3 lbs

Units/Pkg: 1

Warranty: 12-Month Limited

Accessories SM320



Software
DicksonWare Software with USB Cable



Software
DicksonWare Secure Software with USB Cable



Software
DicksonWare Software with Serial Cable



Software
DicksonWare Secure Software with Serial Cable



Certificate of Validation
Certificate of Validation



Memory Card
Removable Flash Memory Card

Accessories SM320



Card Reader Kit

Includes USB Reader and 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 SM320



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



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



AA Battery
AA Alkaline Battery

Accessories SM320



Software
Logger Calibration Software



AA Batteries
4 Pack AA Lithium Batteries



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



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

Calibrations

- N100** 1-Point NIST Traceable Calibration
- N300** 3-Point NIST Traceable Calibration
- N400** 3-Point Ultima NIST A2LA Accredited Calibration