

Display Temperature Data Logger



Specifications

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

Ambient Operating RH Conditions : 0-95% RH non-condensing

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

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 and Quick Start Guide. *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

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: +/-0.8F from 20 to 120F 1.8F (+/-0.44C from -7 to 49C 1C)

Temperature Range: -4 to 158F (-20 to 70C)

Temperature Sensor Type: Thermistor

Unit Weight: 3 lbs

Units/Pkg: 1

Warranty: 12-Month Limited

Accessories SM300



Software

DicksonWare Software with USB Cable



Certificate of Validation

Certificate of Validation



Secure Software

DicksonWare Secure Software with USB Cable



Card Reader Kit

Includes USB Reader and Flash Memory Card



Memory Card

Removable Flash Memory Card



Glycol Bottle

Bottle of Propylene Glycol Solution - dampen temperature swings.

Accessories SM300



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



Temperature Probe
Replacement Bead Wire Temperature Probe



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



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



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



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

Accessories SM300

AA Batteries

4 Pack AA Lithium Batteries



Calibration Software

Logger Calibration Software



AA Battery

AA Alkaline Battery



Serial Download Cable

Serial Download Cable - length 6 feet (2m)



USB Download Cable

USB Download Cable - length 6 feet (2m)



AC Adapter

AC Adapter



Accessories SM300



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



AC Adapter Extension Cable
10' Power Extension for AC Adapter

Calibrations

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