

## Display Temperature Data Logger



## Specifications

**Alarm Type:** Audio/visual on high/low temperature limits

**Ambient Operating RH Conditions:** 0% - 95% RH, Non-condensing

**Ambient Operating Temperature Conditions:** -4.0°F - 158.0°F (-20.0°C - 70.0°C)

**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 2.5 mm stereo plug

**Cable Length:** 6 ft

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

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

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

**Dimensions:** 1.6 in x 3.0 in x 4.0 in

**Display Dimensions (H x W):** 1.375 in x 2.0 in

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

**Display Type:** LCD

**Display Update Rate:** 10 s (battery power), 1 s (AC power)

**Download Time:** 1 min (USB), 3 min (serial)

**Download Type:** USB / serial / flash card

**IP Rating:** 20

**Included Accessories\*:** Four (4) AA batteries, quick start guide, and two (2) bead-wire probes

**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 (4) AA batteries (user-replaceable)

**Power Source Indicator:** LCD display

**Remote Sensor Length:** 4 ft

**Remote Sensor Type:** Two (2) K type thermocouple probes with mini connectors

**Response Time:** 30 s to 63% FS

**Sample Interval:** User selectable (from 1 s - 24 hr intervals, in 1 s or 10 s increments)

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

**Temperature Accuracy:**  $\pm 1.8^{\circ}\text{F}$  from  $-22.0^{\circ}\text{F}$  -  $122.0^{\circ}\text{F}$  ( $\pm 1.0^{\circ}\text{C}$  from  $-30.0^{\circ}\text{C}$  -  $50.0^{\circ}\text{C}$ )

**Temperature Range:**  $-300.0^{\circ}\text{F}$  -  $2000.0^{\circ}\text{F}$  ( $-184.0^{\circ}\text{C}$  -  $1093.0^{\circ}\text{C}$ )

**Temperature Sensor Type:** Thermistor/thermocouples

**Unit Weight:** 3 lbs

**Units/Pkg:** 1

**Warranty:** 12 month limited

\*Software not included

\*\*AC adapter is not included, but can be used