

4-Channel Datalogging Thermometer

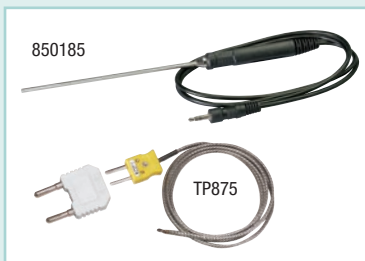
Records data on an SD card in Excel[®] format
For easy transfer to a PC for analysis

Features:

- 4-Channel datalogging with 6 Thermocouple types (J, K, E, T, R,S) and 2-Channel datalogging with RTD (Pt100Ω) probes
- Displays [T1, T2, T3, T4] or differential [T1-T2] reading
- Offset adjustment used for zero function to make relative measurements
- Stores 99 readings manually and 20M readings via SD card included
- Records readings with real date and time stamp
- User programmable sampling rate: 1 to 3600 seconds
- Min/Max and Data Hold functions
- Auto power off with disable function
- Complete with 6 AA batteries, four general purpose Type K bead wire temperature probes, SD card, and hard carrying case



Simultaneously measures 4 temperature inputs for multiple source monitoring



Optional Temperature Probes:

Model TP875 — Optional Type K Bead Wire Temperature Probe measures from -58 to 1000°F (-50 to 538°C) with subminiature connector. Includes a banana adaptor connector for use with meters with banana adaptor inputs.

Model 850185 — Optional RTD (PT100) Temperature Probe measures from (-22 to 482°F/-30 to 250°C).

Model TP200 and TP400 — Optional Type K Pipe Clamp Temperature Probe for hands-free superheat/sub-cooling temperature measurement from -4°F to 200°F (-20°C to 93°C) for TP200 and -4 to 450°F (-20 to 232°C)

Visit www.extech.com for a wide selection of Temperature Probes including Penetration and Surface Probes.

Specifications

| | |
|----------------|---|
| Type J | -148 to 2102°F (-100 to 1150°C) |
| Type K | -148 to 2372°F (-100 to 1300°C) |
| Type T | -58 to 752°F (-50 to 400°C) |
| Type E | -58 to 1652°F (-50 to 900°C) |
| Type R | 32 to 3092°F (0 to 1700°C) |
| Type S | 32 to 2732°F (0 to 1500°C) |
| RTD (Pt100) | -327 to 1562°F (-200 to 850°C) |
| Resolution | 0.1°/1° |
| Basic Accuracy | ±0.4% rdg (+1.8°F/+1°C) Types J,K,E,T, Pt100 ±0.5% rdg (+2°F/+1°C) Types R,S |
| Datalogging | 20M data records using a 2G SD card |
| Dimensions | 7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm) |
| Weight | 17.6oz (500g) |

Ordering Information:

| | |
|-------------|--|
| SDL200 |4-Channel Datalogging Thermometer |
| SDL200-NIST |SDL200 w/Certificate of Calibration Traceable to NIST standards |
| 872502 |Type J Bead Wire Probe (-40 to 392°F/-40 to 200°C) |
| TP870 |Type K Bead Wire Probe (-40 to 482°F/-40 to 250°C) |
| TP200 |Type K Clamp Probe (-4 to 200°F/-20 to 93°F) |
| TP400 |Type K Clamp Probe (-4 to 450°F/-20 to 232°C) |
| 850185 |RTD (PT100) Temperature Probe (-40 to 392°F/-40 to 200°C) |
| 153117 |117V AC Adaptor |
| UA100-240 |100-240V AC Adaptor with 4 plugs (US, EU, UK, AU) |

