



More Capabilities for Better Diagnostics

Our thermocouple thermometers deliver accurate temperature readings and easy, one-button Delta-T calculations and feature high/low alarms, dual and triple displays, data functions, and datalogging.



TM100 Type J/K Single Input Thermometer

Side-mounted controls allow for convenient one-handed operation

- Large backlit LCD display
- Wide temperature range with 0.1°/1° resolution
- Readout in °F, °C, or K (Kelvin)
- Data Hold function freezes reading on display
- Max/Min/Avg readings with relative time stamp
- Offset key used for zero function to make relative measurements
- Auto Power Off with disable feature
- Complete with general purpose Type K bead wire temperature probe and 9 V battery. (Optional temperature probes available on left accessories chart and p. 27)

ACCESSORIES (See p. 27 for additional temperature probes)	
TP200	Type K, Clamp Probe (-4 to 200°F/-20 to 93°C)
TP870	Type K, Bead Wire Probe (-40 to 482°F/-40 to 250°C)
TP882	Type K, Penetration Probe (-50 to 1000°F/-45 to 538°C)
871515	Type K, 4" (100 mm) General Probe (-32 to 1292°F/-200 to 700°C)
881605	Type K, 8" (203 mm) General Probe (-328 to 1292°F/-200 to 700°C)
881603	Type K, 6" (150 mm) Immersion Probe (-58 to 1292°F/-50 to 700°C)
881602	Type K, 6" (100 mm) Surface Probe (-58 to 1472°F/-50 to 800°C)
872502	Type J, Bead Wire Probe (-328 to 392°F/-200 to 200°C)
801515	Type J, 4" (100 mm) General Purpose Probe (-328 to 842°F/-200 to 450°C)



See desktop or Pocket style Temperature Indicators on p. 56-57

SPECIFICATIONS	TM100 N
Single or Dual Input	Single
Type K °F (°C)	-328 to 2501°F (-200 to 1372°C)
Type J °F (°C)	-346 to 2012°F (-210 to 1100°C)
Basic Accuracy	±0.15% rdg
Resolution	0.1°/1°
Datalogging	—
CE approved	Yes
Dimensions	8.7x2.5x1.1" (220x63x28 mm)
Weight	7 oz (200 g)
Warranty	2 years



N Indicates products that are available with optional calibration traceable to **NIST**. See pages 146-147 for a complete listing.



EA11A EasyView® Type K Single Input Thermometer

Large dual LCD display with
0.3% accuracy and memory

- Simultaneously displays current temperature and Max/Min/Avg or stored memory location
- Selectable units of °F and °C
- Manually store/recall up to 150 readings
- Data Hold and Auto Power Off
- Records MAX /MIN/AVG readings for later recall
- Complete with built-in stand, protective holster, general purpose Type K bead wire probe, and 6 AAA batteries. (Optional temperature probes available on p. 27, 52)



EA10 EasyView® Type K Dual input Thermometer with Dual readings

Big backlit display with relative and
elapsed time indication

- Displays [T1 and T2] or [T1-T2 and T1] or [T1-T2 and T2]
- Selectable units of °C/°F or Kelvin
- Timer function displays elapsed time plus the time when MAX/MIN readings are taken
- OFFSET key used for zero function to make relative measurements
- Data hold and Auto Power Off
- Complete with built-in stand, protective holster, two general purpose Type K bead wire temperature probes, and 6 AAA batteries. (Optional temperature probes available on p. 27, 52)



EA15 EasyView® 7 Thermocouple Datalogger

Internal memory stores up to
8800 data sets

- Seven Thermocouple type selections: K, J, T, E, R, S, N
- Large backlit display
- Stores Time, T1 and T2
- Manual push-button datalogging or automatic with programmable sample rate of 3 to 355 seconds per reading
- Manual record/recall of data
- Data Hold and Auto Power Off
- MAX/MIN/AVG or MAX/MIN with elapsed time
- Complete with two general purpose Type K bead wire temperature probes, Windows® compatible software, USB cable, protective holster, case, and 6 AAA batteries. (Optional temperature probes available on p. 27, 52)

EA11A N

Single
-58 to 1999°F (-50 to 1300°C)
—
±0.3% rdg
0.1°/1°
—
Yes
5.9x2.8x1.3" (150x72x35 mm)
8.3 oz (235 g)
2 years

EA10 N

Dual
-200 to 1999°F (-200 to 1360°C)
—
±0.3% rdg
0.1°/1°
—
Yes
6x2.8x1.5" (152x72x37 mm)
8.3 oz (235 g)
2 years

EA15 N

Dual
-200 to 1994°F (-150 to 1090°C)
-200 to 1999.9°F (-150 to 1370°C)
±0.05% rdg
0.1°
8800 readings
Yes
5.91x2.83x1.38" (150x72x35 mm)
8.3 oz (235 g)
2 years



421502 Type J/K, Dual Input Thermometer with Alarms

Dual J or K input with dual display, relative and programmable High/Low audible alarms

- Widest range with highest 0.05% accuracy
- Rugged design for field use
- Large dual LCD displays T1, T2 or T1-T2, plus Elapsed Time
- Differential temperature between Type J, Type K, or both Type J and K
- MIN/MAX/AVG readings
- Data Hold and Relative functions
- Programmable Hi/Lo audible alarms
- Complete with two general purpose Type K bead wire temperature probes, protective holster with stand, and 9 V battery

Track Temperature Trouble with Extech

4-Channel Datalogger Thermometer records measurements on an SD Card and easily transfers readings to an Excel® spreadsheet for analysis

ACCESSORIES (See p. 27 and 52 for additional temperature probes)	
TP200	Type K, Clamp Probe (-4 to 200°F/-20 to 93°C)
TP870	Type K, Bead Wire Probe (-40 to 482°F/-40 to 250°C)
TP882	Type K, Penetration Probe (-50 to 1000°F/-45 to 538°C)
801515	Type J, 4" (100 mm) General Purpose Probe (-328 to 842°F/-200 to 450°C)
850185	RTD Temperature Probe for SDL200 (86 to 482°F/30 to 250°C)
409997	Soft Vinyl Carrying Case (for 421502)
UA100-240	100-240V AC Adaptor with 4 plugs (US, EU, UK, AU)



See desktop or Pocket style Temperature Indicators on p. 56-57

SPECIFICATIONS	421502 N
Number of Inputs	Dual
Type K °F (°C)	-328 to 2498°F (-200 to 1370°C)
Type J °F (°C)	-328 to 1922°F (-200 to 1050°C)
Basic Accuracy	±0.05% rdg
Max. Resolution	0.2°F/0.1°C
Datalogging	—
CE approved	Yes
Dimensions/Weight	7.63x3.6x2.1" (192x91x53 mm)/13 oz (365 g)
Warranty	2 years



N Indicates products that are available with optional calibration traceable to **NIST**. See pages 146-147 for a complete listing.



SD200 3-Channel Temperature Datalogger

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

- Triple LCD simultaneously displays 3 Type K Temperature channels
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Selectable data sampling rate: 5, 10, 30, 60, 120, 300, 600 seconds or Auto
- Complete with 6 AAA batteries, SD card, Universal AC Adaptor, 3 general purpose Type K bead wire temperature probes, and mounting bracket



SDL200 4-Channel Datalogging Thermometer

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 [T1-T2]
- Datalogs using SD card (included)
- User programmable sampling rate from 1 to 3600 seconds
- Records readings with real date and time stamp
- Manual store/recall of up to 99 records
- Min/Max and Data Hold functions
- Offset adjustment used for zero function to make relative measurements
- Auto Power Off with disable
- Complete with four general purpose Type K bead wire temperature probes, SD card, hard case, and 6 AA batteries; Optional AC Adaptor (UA100-240) and RTD probe (850185)



TM500 12-Channel Datalogging Thermometer

12-Channel datalogging with 6 Thermocouple types (J, K, E, T, R, S)

- Simultaneously displays CH1 to CH8 or CH9 to CH12
- Offset adjustment used for zero function or to make relative measurements
- Stores 99 readings manually and dataloggs using SD card (included)
- Records readings with date and time stamp
- User programmable sampling rate: 1 to 3600 seconds
- Min/Max and Data Hold functions
- Auto Power Off with disable function
- Built-in PC interface with optional software
- Complete with 8 AA batteries, twelve general purpose Type K bead wire temperature probes, SD card, and hard carrying case

SD200 N

Triple
-58 to 2372°F (-100 to 1300°C)
—
±(0.5% + 1°F/ 0.5°C)
0.1°
4 GB SD memory card included for datalogging
Yes
5.2x3.1x1.3" (132x80x32 mm)/10 oz (285 g)
2 years

SDL200 N

Quad
-148 to 2372°F (-100 to 1300°C)
-148 to 2102°F (-100 to 1200°C)
±0.4% rdg
0.1°/1°
4 GB SD memory card included for datalogging
Yes
7.2x2.9x1.9" (182X73X48 mm)/17.6 oz (500 g)
3 years

TM500 N

Twelve
-148 to 2372°F (-100 to 1300°C)
-148 to 2102°F (-100 to 1150°C)
±0.4% rdg (+1.8°F/+1°C) Types J,K,E,T ±0.5% rdg (+2°F/+1°C) Types R,S
0.1°/1°
4 GB SD memory card included for datalogging
Yes
8.9x4.9x2.5" (225x125x64 mm)/2.1 lbs (944 g)
2 years