

# I n d i c a t o r s

## Handheld Thermocouple Thermometers from Barnant

For almost every portable temperature monitoring application there is a Barnant thermocouple thermometer. Economic and easy to use, choose one of the three J, K, or T basic models. The Dual J-T-E-K thermometer is a dual input, multi-function meter with a 2-point calibration feature. DualogR is a dual input portable datalogger with infrared data transmission output and logs up to 1000 readings in real time.

All models feature sealed silicone rubber keypad, IP54 rating for splash and dust resistance, ABS/polycarbonate impact resistant case, and a fold out stand for benchtop operation and are factory calibrated with NIST traceable calibration instrumentation.



Model #	Type	Range	Accuracy	Resolution	Price
<b>Type J, K or T thermometers</b>					
600-1000	J	-328 to 1832°F (-200 to 1000°C)	± 0.9°F (± 0.5°C) above -99° ± 2°F (± 1°C) below -99° plus ± 0.2% of reading	0.1° between -99.9° and 299.9° 1° below -99.9° and above 299.9°	\$130
600-1010	K	-418 to 2501°F (-250 to 1372°C)			\$130
600-1020	T	-418 to 752°F (-250 to 400°C)			\$130
<b>Dual J-T-E-K thermometer</b>					
600-1040	J, K, T, E	J, K, T = same as above E = -418 to 1832°F (-250 to 1000°C)	±0.7°F (±0.4°C) above -238°F (-150°C) ±2°F (±1°C) below -238°F (-150°C) plus ±0.1% of reading	0.1° <999.9° 1° >999.9°	\$185
<b>DualogR thermometer/logger</b>					
600-1050	J, K, T, E	same as above	±0.7°F (±0.4°C) above -238°F (-150°C) ±2°F (±1°C) below -238°F (-150°C) and ± 0.1% of reading	0.1° <999.9° 1° >999.9°	\$240
	N	-418 to 2372°F (-250 to 1300°C)			
	R,S	32 to 3214°F (0 to 1768°C)	±2°F (±1°C) and ± 0.1% of reading		
	B	392 to 3272°F (200 to 1800°C)	±2°F (±1°C) and ± 0.1% of reading		

### DualogR Accessories:

600-0080 Infrared Printer	\$225
600-0082 Printer Adapter 110-240VAC, 50/60Hz, 6 ft cord	\$65
37455-71 Replacement Paper pack of 6 rolls	\$22
600-0090 RS-232 Interface Adapter	\$95
600-0070 120VAC AC Adapter	\$25
600-0075 Adapter 230 VAC	\$25

*Therm-x also stocks a variety of RTD and Thermistor meters. Call sales for details!*

### SPECIFICATIONS:

(All thermometers)

**Power:** two AA batteries (included)

**Battery Life:** Minimum 500 hours

**Dimensions:** 3.3"W x 6.2"H x 1.2"D

**Warranty:** 3 years

**Ratings:** UL & cUL rated intrinsically safe - Certified safe for Class 1, Div. 1:

Groups A,B,C and D hazardous (classified locations).

Meets CE requirements for electromagnetic compatibility

1-510-441-7566

1-800-9-THERM-X

**THERM-X** of California



## *DuaLogR*

### *Thermocouple Thermometer and Logger for Temperature*

#### Features

Dual input temperature logger with infrared or RS232 data transmission output to computer or printer. DuaLogR's real time data logging accepts up to two thermocouple inputs. Choose J, K, T, E, R, S, N or B. Display temperatures in F, C, R or K. Display min., max. and differential readings simultaneously using one or two probes on easy to read LCD. Manually store or automatically log up to 1000 sets of readings in real time. Log interval is from 1 second to 60 minutes. Print readings in real time from every three seconds to every 60 minutes. RS-232 Interface Adapter connects to your computer 9-pin serial port for downloading of data.

#### Range

Type J: -328 to 1832 F (-200 to 1000 C)  
 Type K: -418 to 2501 F (-250 to 1372 C)  
 Type T: -418 to 752 F (-250 to 400 C)  
 Type E: -418 to 1832 F (-250 to 1000 C)  
 Type R: 32 to 3214 F (0 to 1768 C)  
 Type S: 32 to 3214 F (0 to 1768 C)  
 Type N: -418 to 2372 F (-250 to 1300 C)  
 Type B: 392 to 3272 F (200 to 1800 C)

- UL & cUL rated Intrinsically safe-Certified Class I, Division 1;
- Groups A, B, C, and D hazardous (classified) locations
- Rated IP 54 for splash & dust resistance
- Fold out stand for bench top operation
- Meets CE requirements for electromagnetic compatibility
- Bright, easy to read LCD
- Manufactured in U.S.A. with 3 year warranty

## **600-1040**

### *Dual input Thermocouple Thermometer for Temperature*

- Accepts up to 2 thermocouple inputs and either J, K, T or E thermocouples
- Manually store up to 25 readings in non-volatile memory
- Two point field calibration; offset and slope for improved system accuracy
- T1/T2 differential
- Accuracy:  $\pm 0.7^{\circ}\text{F}$  ( $\pm 0.4^{\circ}\text{C}$ ) above  $-238.0^{\circ}\text{F}$  ( $-150.0^{\circ}\text{C}$ ); plus  $\pm 0.1\%$  of reading
- UL & cUL rated Intrinsically safe-Certified for Class I, Division 1; Groups A, B, C, and D hazardous (classified) locations
- Sealed Silicone rubber keypad
- Rated IP 54 for splash & dust resistance
- ABS/polycarbonate impact resistant case
- Fold out stand for bench top operation
- Meets CE requirements for electromagnetic compatibility
- Bright, easy to read LCD
- 3 year warranty
- Manufactured in U.S.A.

#### **FEATURES: MIN, MAX, HOLD, °C OR °F, MULTI-DATA LCD**

This thermometer offers you numerous features; choose from J, K, T or E thermocouple curves, dual probe capability, selectable resolution and 12 button keypad for simplified set up.

Display Minimum, Maximum and differential readings simultaneously using one or two probes on selectable, easy-to-read, multi-data LCD. Two point field calibration feature for offset and slope. Allows user to calibrate the probe to known temperatures. Meter automatically stores and adjusts for inherent probe error enabling unparalleled system accuracy. Calibration lock out protects NIST traceable factory settings and prevents tampering with field calibration values.