

# PRODUCT DATA SHEET

## Dual Input, 3-Display, Hand-Held Thermometer

**Seven Thermocouple Types, EL backlighting, HI/LO Alarms plus Built-in RS-232 Interface**

### Features:

- Seven Thermocouple type selections: K, J, T, E, R, S, N
- Large 4-1/2 digit EL backlit LCD with two secondary displays for simultaneous T1, T2, T1-T2 elapsed time and advanced readouts
- Data Hold, Relative Mode, Elapsed Time Record, MIN/MAX/AVG record/recall, and °C/°F switchable
- Built-in RS-232 bi-directional PC interface and optional data acquisition software
- Auto power OFF preserves battery life, disable capability
- Complete with 9V battery, two bead wire temperature probes, manual with Quick Basic PC communications program, and protective holster.



Specifications	Ranges	Resolution:
J Type	-346°F to 1922°F (-210°C to 1050°C)	0.1° (0.2>500°F)
K Type	-328°F to 2501°F (-200°C to 1372°C)	0.1° (0.2.>700°F)
T Type	-328°F to 752°F (-200°C to 400°C)	0.1°(0.2>600°F)
E Type	-346°F to 1454°F (-210°C to 790°C)	0.1°(0.2>450°F)
R Type	32°F to 3212°F (0°C to 1767°C)	1°
S Type	32°F to 3212°F (0°C to 1767°C)	1°
N Type	-58°F to 2372°F (-50°C to 1300°C)	0.1°C, 0.2°F
Accuracy:	±(0.05%rdg + 0.3°C) -50°C to 1370°C	
	±(0.05%rdg + 0.7°C) -50°C to -210°C	
	±(0.05%rdg + 0.6°F) -58°F to 2498°F	
	±(0.05%rdg + 1.4°F) -58°F to -346°F	
Reading rate:	One per second	
Supplied Probe:	Max insulation temp. 260°C (500°F). Probe accuracy ±2.2°C or ±0.75% whichever is greater from 0 to 800°C	
Battery life:	100 hours typical with carbon zinc battery	
Dimensions/Weight:	7.5x3.6x2.0"(192 x 91 x 52.5mm)/12.8 oz.(365g)	

### Ordering Information

421508.....Dual input Thermometer

### Accessories

872502.....Type J Bead Wire Probe

801515.....Type J Stainless Steel General Purpose Probe

872501.....Spare Type K Bead Wire Probe

871515.....Type K Stainless Steel General Purpose Probe

409997.....Vinyl Pouch Carrying Case