Dual Input Datalogging Thermometer w/Alarm

Built-in PC interface with internal memory stores up to 16 data sets, 1024 maximum data capacity

Features:

- Seven Thermocouple type selections: K, J, T, E, R, S, N
- Large backlit LCD with two secondary displays for simultaneous T1, T2, T1-T2, Time and advanced readouts
- T/C offset adjustment
- REC, MAX, MIN, MAX-MIN, AVG and °C/°F switchable
- Data Hold and Relative Function
- Built-in bi-directional RS-232 PC interface
- Programmable Hi/Lo audible alarm
- Real time clock with calendar
- Selectable auto power off function, disable capability
- Complete with two Type-K bead wire temperature probes (-4 to 482°F /-20 to 250° C), Windows® 95/98/ME/NT/2000/XP compatible software, RS-232 cable, protective holster, and 9V battery

Specifications	Range	Resolution
K type	-328 to 2501oF (-200 to 1372oC)	0.1o (0.2°>700oF)
J type	-346 to 2192oF (-210 to 1200oC)	0.1o (0.2o>500oF)
T type	-328 to 752oF (-200 to 400oC)	0.1o (0.2o>600oF)
E type	-346 to 1832oF (-210 to 1000oC)	0.1o (0.2o>450oF)
R type	32 to 3212oF (0 to 1767oC)	1o
S type	32 to 3212oF (0 to 1767oC)	1o
N type	-58 to 2372oF (-50 to 1300oC)	0.2oF (0.1oC)
Accuracy		
K, J, T, E types	±(0.05% rdg + 0.6oF) -58oF to 2501oF	
	±(0.05% rdg + 1.4oF) -58oF to -346oF	
	±(0.05% rdg + 0.3oC) -50oC to 1370oC	
	±(0.05% rdg + 0.7oC) -50oF to -210oC	
N type	±(0.05% rdg + 1.6oF) -58oF to 32oF	
	±(0.05% rdg + 0.8oF) 32oF to 2372oF	
	±(0.05% rdg + 0.8oC) -50oC to 0oC	
	±(0.05% rdg + 0.4oC) 0oF to 1300oC	
R, S types	±(0.05% rdg + 4.0oF) 32oF to 3212oF	
	±(0.05% rdg + 2.0oC) 0oC to 1767oC	
Supplied Thermocouples	4', type K (with teflon insulation) Max insulation temp: 500oF (260oC)	
	Accuracy: ± 4oF (±2.2oC) or ± 0.75% of rdg (whichever is greater) from 32 to 1472oF (0 to 800oC)	
Battery Life	100 hours typical	
Dimensions/Weight	7.5x3.6x2.1" (192x91x52.5mm); 11.7oz. (365g)	

Ordering Information:

421509 ....Dual Input Thermometer
421509-NIST ..Dual Input Thermometer with NIST cert
153117 ....117VAC adaptor

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1 Year
Warranty

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