

Dual Input Datalogging Thermometer w/ Alarm

Built-in PC interface with internal memory stores up to 16 data sets, 1024 maximum capacity
With Programmable Hi/Lo audible alarm

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
- 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:

421509Dual Input Thermometer
421509-NISTDual Input Thermometer with NIST Certificate
153117117V AC adaptor

