



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

