

# Product DATASHEET

## Digital Thermometers

### Type K or Type J/K Dual Input Model

#### Type K Thermocouple Model 421501 Features:

- Rugged design with protective holster/stand
- Super large 0.8" (20mm) 3-1/2 digit (2000 count) LCD with backlighting
- Switchable 0.1°/1° resolution with basic accuracy of 0.3%
- Selectable °C/°F units with MAX and HOLD functions
- Water resistant housing meets IP64
- Includes Protective holster, bead wire temperature probe (-4 to 482°F/-20 to 250°C), and 9V battery

#### Specifications: Model 421500

Range	Accuracy $\pm$ (%rdg + digits)	Resolution
-50° to 1000°C	$\pm$ (0.3% +1°C); > 1000°C (0.5% +1°C)	0.1/1°
-58° to 2000°F	$\pm$ (0.3% rdg + 2°F)	0.1/1°

#### Type J/K Dual Input Model 421502

- Large multi-function 4-1/2 digit (20000 count) LCD
- Resolution to 0.1° with basic accuracy of 0.05%
- New watertight housing with super large 0.8" (20mm) LCD displays T1, T2 or T1-T2
- LCD displays Elapsed Time
- Selectable °C/°F units; water resistant housing
- MAX/MIN, AVG, REL, and HOLD functions
- Programmable HI/LO audible alarms
- Includes 2 Type K bead wire probes (-4 to 482°F/-20 to 250°C), rubber holster and 9V battery. Order J probes separately.

#### Specifications: Model 421502

Type J	Type K	Accuracy $\pm$ (%rdg + digits)	Resolution
-200 to 1050°C	-200 to 1370°C	$\pm$ (0.05%+0.3°C) < 50° > $\pm$ (0.05%+0.7°C)	0.1°
-328 to 1922°F	-328 to 2498°F	$\pm$ (0.05%+0.6°F) < -58°F > $\pm$ (0.05%+1.4°F)	0.2°

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#### Ordering Information

- 421501**.....Digital Type K Thermometer  
**421501-NIST** ..Digital Type K Thermometer w/NIST Certificate  
**421502**.....J/K Dual Thermocouple Thermometer  
**421502-NIST** ..J/K Dual Thermocouple Thermometer w/NIST Certificate

#### 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



Model 421501



Model 421502



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