

Thermocouple Thermometer Dual Input

multicomp PRO

**RoHS
Compliant**



Features

- Large LCD Display with Backlight
- User Selectable °C and °F
- MAX / MIN / Difference / Average
- Low battery indication
- Data hold
- User calibration-offset Adjustment ($\pm 5^{\circ}\text{C}$)
- High / Low alarms (Audio and Visual)
- Datalogging function: 16000
- Time Stamp
- Adjustable sampling rate
- USB interface with software
- Auto Power off
- Type J, K, T, E, S, R, N input

Specifications

Temperature Range	Type J	-200 to 1000°C (-328 to 1832°F)
	Type K	-250 to 1372°C (-418 to 2502°F)
	Type T	-250 to 400°C (-418 to 752°F)
	Type E	-200 to 990°C (-328 to 1814°F)
	Type S	-0 to 1760°C (32 to 3200°F)
	Type R	-0 to 1760°C (32 to 3200°F)
	Type N	-200 to 1290°C (-328 to 2354°F)
Accuracy	Type J/K/T	$\pm 1\%$ of reading $+1^{\circ}\text{C}$ (1.8°F)
	Type E/S/R/N	$\pm 1\%$ of reading $+2^{\circ}\text{C}$ (3.6°F)
Temperature Coefficient	0.1% of reading $+0.3^{\circ}\text{C}$ per $^{\circ}\text{C}$ (0.5°F per $^{\circ}\text{F}$) outside the specified $+18^{\circ}\text{C}$ to 28°C ($+64^{\circ}\text{F}$ to 82°F) range (Below -100°C (-148°F); add 0.4% of reading for J-, K-, E-, and N-type; and 0.8% of reading for T-type)	
Resolution	0.1°C/°F from -99.9 to 999.9°C (-148 to 1832°F); 1°C/°F Outside Range	
Sampling Rate	Three times per two seconds	
Auto Power Off	15 minutes after last operation	
Low Battery Indication		
Power Supply	9V Battery	
Overrange	Unplug or poor contact probe will be displayed "----"	

Part Number Table

Description	Part Number
Thermocouple Thermometer, Dual Input, Type J, K, T, E, S, R, N	MP780832

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