

Single Channel TYPE K/J/E/T Thermocouple Thermometer

Model: TFC-307A



FEATURE:

- K/J/E/T thermocouple sensor type selection
- HOLD function
- Relative value (REL Δ) function
- MAX/MIN measurement value selection
- °C/°F temperature unit selection
- Low battery indicator
- Large display for easy reading & easy to operate
- Auto power off selection
- Protective holster & TYPE K bead wire x 1M (1 PCE)



TYPE K



TYPE J



TYPE E



TYPE T

Specifications:

- **Measurement Range** : -199.9 °C ~1370 °C (-327 °F~1999 °F)
- **Max. Rated Input**: Max. input voltage 60V DC or 24V RMS AC
- **Operation Temperature / Humidity**: 0 °C ~50 °C (32 °F ~ 122 °F), <80%R.H. (no condensation)
- **Storage Temperature / Humidity**: -10 °C ~60 °C (14 °F ~ 140 °F), <70%R.H. (no condensation)
- **Response Time**: Every 2 seconds
- **Compatible Plug**: Type K/J/E/T miniature thermocouple plug
- **Product Size**: 148 (L) x 71 (W) x 36 (H) mm
- **Display Size**: 52 (L)x24 (W) mm
- **Function Keys**: Power ON/OFF; HOLD; MAX/MIN; SELECT; REL Δ.; °C/°F
- **Power Supply**: 9 V battery X 1 PCE
- **Weight**: 240 g (not including battery and protective holster)
- **Accessories**: Operation manual 、 holster 、 9V battery (1pce) 、 K Type bead wire*1M (1pce)

➤ Measurement Range, Resolution and Accuracy in K/J/E/T Sensor Types

Celsius (°C)			
Sensor Type	Measurement Range	Resolution	Accuracy ±(%rdg+°C)
K	-199.9~0	0.1	±(0.5%+1)
	0~199.9	0.1	±(0.2%+0.5)
	200~1370	1	±(0.2%+1)
J	-199.9~0	0.1	±(0.5%+1)
	0~199.9	0.1	±(0.2%+0.5)
	200~1200	1	±(0.2%+1)
E	-199.9~0	0.1	±(0.5%+1)
	0~199.9	0.1	±(0.2%+0.5)
	200~1000	1	±(0.2%+1)
T	-199.9~0	0.1	±(0.5%+1)
	0~199.9	0.1	±(0.2%+0.5)
	200~400	1	±(0.2%+1)

Fahrenheit(°F)			
Sensor Type	Measurement Range	Resolution	Accuracy ±(%rdg+°F)
K	-327~0	0.1/1*	±(0.5%+2)
	0~199.9	0.1	±(0.2%+1)
	200~1999	1	±(0.2%+2)
J	-327~0	0.1/1*	±(0.5%+2)
	0~199.9	0.1	±(0.2%+1)
	200~1999	1	±(0.2%+2)
E	-327~0	0.1/1*	±(0.5%+2)
	0~199.9	0.1	±(0.2%+1)
	200~1832	1	±(0.2%+2)
T	-327~0	0.1/1*	±(0.5%+2)
	0~199.9	0.1	±(0.2%+1)
	200~752	1	±(0.2%+2)

NOTE: Resolution will be shown 1°F when measuring value drops to -200°F and below.



1. Temperature sensor needs to be paired with the corresponding thermocouple type to get the correct temperature value.
2. For long term unused, please remove battery out of the thermometer to avoid battery leakage, and keep the thermometer away from high temperature and humidity place.