

2 Channel Thermometer



Description

This thermometer is microprocessor-based, digital thermometer designed to use external J-, K-, T-, E-, R-, S- and N- type thermocouples as temperature sensors. This model is a dual input (T1, T2) suitable for K-, J-, T-, E-, R-, S- and N- type thermocouples. Equipped with over limit alarm, over limit signal output and user self-debug features.

Features

- °C/°F/K Selection
- Data Hold
- Auto Power Off
- Low Battery Indication
- MAX Mode
- MIN Mode
- AVG Mode
- Data Logging : 100
- USB Interface
- High Alarm
- Lower Alarm
- High/Lower Signal Output
- LCD Backlight
- Auto Calibration
- Electricity Cut-off Memory

Specifications

Single or Dual Input	Range	Dual Accuracy	
Temperature	Type K	-200°C to 1372°C(-328°F to 2501°F)	±(0.2%+0.6)
	Type J	-210°C to 1200°C(-346°F to 2192°F)	±(0.2%+0.6)
	Type T	-250°C to 400°C(-418°F to 752°F)	±(0.2%+0.6)
	Type E	-150°C to 1000°C(-238°F to 1832°F)	±(0.2%+0.6)
	Type R	0.0°C to 1767°C(+32°F to 3212°F)	±(0.2%+2)
	Type S	0.0°C to 1767°C(+32°F to 3212°F)	±(0.2%+2)
	Type N	-200°C to 1300°C(-328°F to 2372°F)	±(0.2%+1.5)
Resolution	0.1°C (When Value > 999.9°C:1°C)		

General Characteristic

Power	USB or 9V Battery (6F22)
LCD Size	30mm × 32mm
Product Colour	Orange and Grey
Product Net Weight	270g
Product Size	175mm × 85mm × 30mm
Standard Accessories	Battery, USB Interface Cable, PC Software CD, Type K Temperature Probe



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Type K Temperature Probe

Selection of Materials:

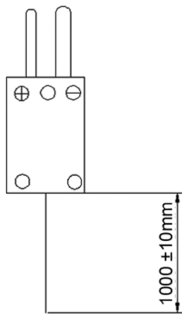
1. The cable sheath material: PTFE accord with the EU ROHS directive released by the blue.
2. Plugs material: ABS yellow
3. ALPHA green solder wire; Environmental protection neutral solder paste in accordance with the EU ROHS directive released
4. Nickel chrome - Nickel alloy wire silicon symbol national class I standard GB 2614-1998 - T

Test Range: -40°C to 800°C

Permissible error: Thermocouple allowed error of plus or minus 4% t (t for measuring temperature),
such as 50 degrees $0.4\% \times 50 = 0.2$

Nickel chrome - Nickel alloy wire silicon chemical composition: the anode (KP) in the name of the chemical composition is:
Ni, Cr = 90:10, the cathode (KN) chemical composition as follows: in the name of the Ni: Si = 97

5. Thermocouple exposed length: 5 +4/0mm
6. Temperature probe size chart:



Part Number Table

Description	Part Number
2 Channel Thermometer	72-7715

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