



Product ID: DIT-515K

Tecpel DIT-515K is the ultimate tools for temperature measurements.

It contains 2 most reliable temperature sensors:

- 1) Non-contact Micro Machining Thermopile
- 2) K-type thermocouple socket

Such an arrangement can fulfill most of temperature measurement requirements:

Use the Non-contact for instant; not-reachable situation.

Use the thermocouple for high precision; non-surface situation.

This thermometer also comes with an ultra long battery life (8days for Alkaline battery), no 9V battery,

It uses the most affordable and available AAA size battery.

Learn Emissivity with dit-515k thermometer. Emissivity is a difficult concept for general user to catch; For dit-515k thermometer , it's easy to get. Use the contact thermometer to get the true temperature.

Then, use the Non-contact to get the surface temperature. Adjust the Emissivity until they are the same.

Next time, use the correct Emissivity for that object. No more guess work, no more looking up on Emissivity Table.

Features:

National Lab Standard Traceable

Color bar displays temperature in Max/Min mode

Certificate of Calibration Available (COC optional)

IR-SoC technology (Infrared System on Chip) and Batch Calibration technology drive the dimensions and cost to the lowest limits

New Low voltage technology, no more 9V battery

Use the most affordable and available battery: AAA size, instead of the low capacity 9V battery

Long Battery Life

Note: with Laser and Backlight turned off

For Alkaline Battery (1150mAh): Typical 8days.

Large LCD Screen

User Friendly Interface

High-end arithmetic: Max; Min and DIF; AVG mode

Auto Power Off: 15sec

Precise K type Thermocouple Thermometer available (optional)

Model No	DIT-515K
Description	IRT + Laser + Thermocouple socket
Measurement range	- -60~500°C (-76~932°F)
Full Range Accuracy (Tamb=23±3 °C)	Temp. object=above 0: ±2% of reading or 2°C(4°F) whichever is greater Temp. object=-60~ 0: ±(2+0.05/°C)°C
Distance: Spot	12:1
Mode	Ave, Dif, Hi/Low Alarm, Real Time Max / Min, Lock
Thermocouple Probe	Small Socket, K type, 12 minutes auto power off
Measurement Range*	-60~1400°C (-83.2~1999°F)
Probe Accuracy	±1% of reading or 1°C(1.8°F) whichever is greater (Test under Temp. ambient=23±6°C)

*Actual temperature range depends on the Thermocouple probe selected.