



UT301C+ Infrared Thermometer

The new UT301+ series is a durable and easy-to-use infrared thermometer with high accuracy/energy (95%)/repeatability. It has the adjustable high and low temperature visual/audible alarm, responding faster than 250ms, which can help you quickly find out anomalies. You can preset and save 5 sets of emissivity values, and quickly switch the emissivity according to different surfaces

to get more accurate results. With the lock measurement, MAX/MIN/AVG/DIFF hold, and a tripod mount, UT301C+ is ideal for processes that require temperature monitoring. UT301C+ can be applied to power distribution/transportation equipment inspection, HVAC/equipment maintenance, vehicle troubleshooting, and more fields.

Specifications	UT301C+
Temperature range	-32°C~600°C
	-25.6°F~1112°F
Accuracy	>0°C: $\pm 1.5^{\circ}\text{C}$ or $\pm 1.5\%$; $\leq 0^{\circ}\text{C}$: $\pm(1.5^{\circ}\text{C}+0.1^{\circ}\text{C}/^{\circ}\text{C})$
	>32°F: $\pm 3.0^{\circ}\text{F}$ or $\pm 1.5\%$; $\leq 32^{\circ}\text{F}$: $\pm(3.0^{\circ}\text{F}+0.1^{\circ}\text{F}/^{\circ}\text{F})$
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)
D:S ratio	12:1 (95%)
Response time	$\leq 250\text{ms}$ (95% of reading)
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)
Spectral response	8 μm ~14 μm
Laser power	< 1mW
Features	
Auto power off	√
Low battery indication	√
LCD display	Color EBTN
High/low temperature LED alarm	√
High/low temperature audible alarm	√
Data hold	√
°C/°F selection	√
MAX/MIN/AVG/DIFF mode	√
Lock measurement	√
Data storage	99
Scheduled measurement	√
Backlight	√
Operating temperature	0°C~50°C (32°F~122°F)

Storage temperature	-20°C~60°C (-4°F~140°F)
Operating humidity	<90% RH (non-condensing)
Drop test	1m
Tripod mounting hole	√
General Characteristics	
Power	9V battery
Display	30mm x 30mm
Product color	Red and grey
Product net weight	204g
Product size	160mm x 74mm x 48mm
Standard accessories	Battery, carrying bag
Standard individual packing	Gift box, blister, English manual
Standard quantity per carton	20pcs
Standard carton measurement	475mm x 350mm x 250mm
Standard carton gross weight	10.43kg