



### **UT309C Professional Infrared Thermometer**

UT309 series professional infrared thermometer can determine surface temperature through the energy radiated by the target surface. It is designed to meet some of the highest protection ratings in UNI-T's product line, IP65 and 3m drop proof. With a rapid response rate of 250ms, high measurement accuracy, and multiple scanning modes, UT309 proves to be a necessary tool for

engineers and technicians working in a various fields such as electrical distribution inspection, HVACR maintenance, transportation equipment inspection, instrument repair, and many more.

Specifications	UT309C
Temperature range	-35°C~650°C
	-31°F~1202°F
Accuracy	≥0°C: ±1.8°C or ±1.8%
	<0°C: ±(1.8°C+0.1°C/°C)
	≥32°F: ±3.6°F or ±1.8%
	<32°F: ±(3.6°F+0.1°F/°F)
Resolution	0.1°C/0.1°F
D:S ratio	12:01
Response time	250ms (95% of reading)
Emissivity	0.10~1.0 adjustable
Number of lasers	Dual lasers
Laser type	Class 2
Laser power	<1mW
Laser wavelength	630nm~670nm
Spectral response	8μm~14μm
<b>Features</b>	
°C/°F selection/Laser switch	√
Display hold(s)	8
Data hold/Auto power off	√
Low battery indication	√
Lock measurement	√
MAX/MIN/AVG/DIFF mode	√
High alarm (red LED)	√
Low alarm (blue LED)	√
LCD backlight	√
Tripod mounting hole	√
<b>General Characterisitcs</b>	
Power	9V battery (6F22)

Display	32mm x 29mm
Product color	Red and grey
Product net weight	292g
Product size	189mm x 118mm x 55mm
Standard accessories	PC software CD, carrying bag
Standard individual packing	Gift box, blister, English manual (German, French, Spanish optional)
Standard quantity per carton	10pcs
Standard carton measurement	430mm x 335mm x 330mm
Standard carton gross weight	6.5kg