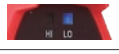
UNI-T®

UT309 Series Professional Infrared Thermometers



● **UT309C**

	High temperature LED indicator
	Low temperature LED indicator



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

	UT309A	UT309C
Temperature range	-35°C~450°C	-35°C~650°C
	-31°F~842°F	-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	10:1	12:1
Response time	250ms (95% of reading)	
Emissivity	0.95	0.10~1.0 adjustable
Number of lasers	Single laser	Dual lasers
Laser type	Class 2	
Laser power	<1mW	
Laser wavelength	630nm~670nm	
Spectral response	8μm~14μm	
Features		
°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	√	

GENERAL CHARACTERISTICS

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
Standard quantity per carton	10pcs
Standard carton measurement	430mm x 335mm x 330mm
Standard carton gross weight	6.5kg