



UT309 SERIES

Professional Infrared Thermometers

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 various fields such as electrical distribution inspection, HVACR maintenance, transportation equipment inspection, instrument repair, and many more.

- °C/°F selection
- Laser on/off
- High temperature alarm (red LCD)
- Low temperature alarm (blue LCD)
- MAX/MIN/AVG/DIFF mode
- Data hold/LCD backlight
- Auto power off
- Low battery indication
- Lock measurement
- Tripod mounting hole

	High temperature LED indicator
	Low temperature LED indicator



● UT309E

SPECIFICATION	UT309A	UT309C	UT309E
Certificates	CE, RoHS		
Temperature range (°C)	-35°C~450°C	-35°C~650°C	-35°C~850°C
Temperature range (°F)	-31°F~842°F	-31°F~1202°F	-31°F~ 1562°F
D:S ratio	10:1	12:1	20:1
Emissivity	0.95	0.1~1 adjustable	0.1~1 adjustable
Laser type	Single	Dual	Dual
LCD display	LCD	LCD	Color EBTN
Data storage with date and time			99
Scheduled measurement			√
Monitoring measurement			√
Accuracy (°C)	±1.8°C or ±1.8%		
Accuracy (°F)	±3.6°F or ±1.8%		
Resolution	0.1°C		
Response time	250ms (95% of reading)		
Laser type	Class 2		
Laser power	<1mW		
Laser wavelength	630nm~670nm		
Spectral response	8µm~14µm		
IP rating	IP65		
Drop proof	3m		
GENERAL CHARACTERISTICS			
Power	9V battery (6F22)		
Display	UT309A/C: 32mm x 29mm; UT309D: 32mm x 32mm		
Product net weight	292g		
Product size	189mm x 118mm x 55mm		
Standard accessories	Battery, English manual (UT309A/C only: German, French, Spanish optional)		
Standard individual packing	Gift box, blister, carrying bag		
Standard quantity per carton	10pcs		
Standard carton measurement	430mm x 335mm x 330mm		
Standard carton gross weight	UT309A/C: 6.5kg; UT309D: 5.8kg		