

## UT309 SERIES

### PROFESSIONAL INFRARED THERMOMETERS



● UT309E

	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.

- °C/°F selection
- Laser switch
- High alarm (red LCD)
- Low alarm (blue LCD)
- MAX/MIN/AVG/DIFF mode
- Data hold
- Auto power off
- Low battery indication

	UT309A	UT309C	UT309E
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
Accuracy (°C)	±1.8°C or ±1.8%		
Accuracy (°F)	±3.6°F or ±1.8%		
Resolution	0.1°C/0.1°F		
D:S ratio	10:1	12:1	20:1
Response time	250ms (95% of reading)		
Emissivity	0.95	0.10~1.0 adjustable	0.10~1.0 adjustable
Number of lasers	Single laser	Dual lasers	Dual lasers
Laser type	Class 2		
Laser power	<1mW		
Laser wavelength	630nm~670nm		
Spectral response	8μm~14μm		

#### Features

LCD display	LCD	LCD	Color EBTN
Data storage with date and time	—	—	99
Scheduled measurement	—	—	√
Monitoring measurement	—	—	√
Protective function	—	—	√
Lock measurement	√		
LCD backlight	√		
Tripod mounting hole	√		
Power	9V battery (6F22)		
Display	32mm x 29mm		32mm x 32mm
Product color	Red and grey		
Product net weight	292g		
Product size	189mm x 118mm x 55mm		
Standard accessories	Battery, carrying bag		
Standard individual packing	Gift box, blister, English manual (UT309A/C only: German, French, Spanish optional)		
Standard quantity per carton	10pcs		
Standard carton measurement	430mm x 335mm x 330mm		
Standard carton gross weight	6.5kg		5.8kg

