

SPECIFICATIONS



■ UT309A



■ UT309C

Specifications	Range	
Model	UT309A	UT309C
Temperature Range	-35°C~450°C -31°F~842°F	-35°C~650°C -31°F~1202°F
Accuracy	$\geq 0^{\circ}\text{C}$: $\pm 1.8^{\circ}\text{C}$ or $\pm 1.8\%$ $\leq 0^{\circ}\text{C}$: $\pm (1.8^{\circ}\text{C} + 0.1^{\circ}\text{C}/^{\circ}\text{C})$	$\geq 0^{\circ}\text{C}$: $\pm 1.8^{\circ}\text{C}$ or $\pm 1.8\%$ $\leq 0^{\circ}\text{C}$: $\pm (1.8^{\circ}\text{C} + 0.1^{\circ}\text{C}/^{\circ}\text{C})$
Repeatability	$\pm 1.0^{\circ}\text{C}$ or $\pm 0.8\%$	$\pm 1.0^{\circ}\text{C}$ or $\pm 0.8\%$
Resolution	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	10:1	12:1
Response Time	250ms(95% readable)	250ms(95% readable)
Emissivity	0.95	0.10~1.0 adjustable
No. of Laser	Single laser	Dual laser
Laser Type	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm
Features		
°C/°F Selection	✓	✓
Laser switch (ON/OFF)	✓	✓
Display Hold (s)	8 Seconds	8 Seconds
Data Hold	✓	✓
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
Lock Measurement Mode	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
High Temperature Alarm (Red LED)	✓	✓
Low Temperature Alarm (Blue LED)	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
IP Rating	IP65	IP65
Drop Proof	3meters	3meters
Tripod Mount	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
LCD Size	32mm × 29mm
Product Color	Red and Grey
Product Net Weight	292g
Product Size	189mm x 118mm x 55mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12 kg