



UT302D+ Infrared thermometer

1. 20:1 D:S ratio
2. Adjustable emissivity 0.1~1.0

3. $\pm 1.5^{\circ}\text{C}$ temperature measurement accuracy

4. User defined visual and audio alarm

5. High contrast EBTN color display

6. MAX/MIN/AVG/DIFF/Hold modes

Specifications	UT302D+
Temperature range	-32°C~1100°C
	-25.6°F~2012°F
Accuracy	$\geq 0^{\circ}\text{C}$: $\pm 1.5^{\circ}\text{C}$ or $\pm 1.5\%$; $< 0^{\circ}\text{C}$: $\pm(1.5^{\circ}\text{C}+0.1^{\circ}\text{C}/^{\circ}\text{C})$
	$\geq 32^{\circ}\text{F}$: $\pm 3.0^{\circ}\text{F}$ or $\pm 1.5\%$; $< 32^{\circ}\text{F}$: $\pm(3.0^{\circ}\text{F}+0.1^{\circ}\text{F}/^{\circ}\text{F})$
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)
D:S ratio	20:1
Response time	250ms
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)
Spectral response	8 μm ~14 μm
Laser power	< 1mW
Features	
Auto power off	√
Low battery indication	√
LCD display	Color EBTN
High/low LED alarm	√
High/low audible alarm	√
Data hold/Lock measurement	√
°C/°F selection	√
MAX/MIN/AVG/DIFF mode	√
Data storage with date and time	99
Scheduled measurement	√
Backlight	√
Operating temperature	0°C~50°C (32°F~122°F)

Storage temperature	-20°C~60°C (-4°F~140°F)
Operating humidity	<90%RH (non-condensing)
Drop test	1m
Tripod mounting hole	√
General Characteristics	
Power	9V battery
Display	35mm x 35mm
Product color	Red and grey
Product net weight	310g
Product size	172mm x 113.5mm x 53mm
Standard accessories	Battery, carrying bag
Standard individual packing	Gift box, blister, English manual
Standard quantity per carton	10pcs
Standard carton measurement	425mm x 335mm x 365mm
Standard carton gross weight	6.65kg