

Two black and red UNI-T infrared thermometers are shown side-by-side. The thermometer on the left has a digital display showing '00.0' and '00.0'. The thermometer on the right has a digital display showing '18.4' and '18.4'. Both devices have a laser pointer and a non-contact temperature sensor. The background is a blurred industrial setting.

UT306C

Users can measure the surface temperature without contacting the object. UT306 series can be used in various fields such as food industry, machine maintenance, metal working, cold storage, and other industrial fields.

General Characterisitcs	
Power	1.5V AAA x 2
Product color	Red and grey
Product net weight	161.5g
Product size	146 x 78 x 45mm
Standard accessories	Batteries
Standard individual packing	Card,Blister, Manual
Standard quantity per carton	20pcs
Standard carton measurement	515 x 375 x 175mm
Standard carton gross weight	

UT302+/303+ SERIES

INFRARED THERMOMETERS



Scheduled measurement

(UT302C+/UT303C+/UT302D+/UT303D+):

Set a start time and interval, device will auto turn on at start time, perform a measurement, then turn off, and repeat the procedure once for every interval time. Interval range from 1 min to 96 hours, number of measurement and data storage can be up to 99 sets.

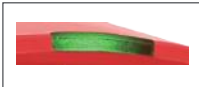

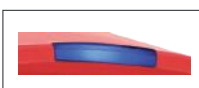


* Ring laser (UT302C+/UT303C+)

Unique patented display method that covers entire measured area, user will know exactly where the measurement is taking place.



- ±1.5°C temperature measurement accuracy
- User defined visual and audio alarm
- High contrast EBTN color display
- MAX/MIN/AVG/DIFF/Hold modes
- Dual lasers (UT302D+/UT303D+)
- Temperature recording up to 99 groups (UT302C+/UT303C+/UT302D+/UT303D+)
- Date/time display (UT302C+/UT302D+/UT303C+/UT303D+)
- Time scheduled measurement (UT302C+/UT303C+/UT302D+/UT303D+)

	Normal status: High limit > temperature > low limit
	Temperature > high limit
	Temperature < low limit

	UT302A+	UT302C+	UT302D+	UT303A+	UT303C+	UT303D+
Temperature range (°C)	-32°C~700°C	-32°C~1100°C	-32°C~1100°C	-32°C~800°C	-32°C~1300°C	-32°C~1300°C
Temperature range (°F)	-25.6°F~1292°F	-25.6°F~2012°F	-25.6°F~2012°F	-25.6°F~1472°F	-25.6°F~2372°F	-25.6°F~2372°F
Accuracy (°C)	±1.5°C or ±1.5%					
Accuracy (°F)	±3.0°F or ±1.5%					
Repeatability	0.7°C or 0.7% (1.5°F or 0.7%)					
D:S ratio	20:1			30:1		
Response time	250ms					
Emissivity	0.1~1.0 (adjustable, stores 5 sets of preset values)					
Spectral response	8um~14um					
Laser signal	Single	Ring	Double	Single	Ring	Double
Laser power	< 1mW	< 3mW	< 1mW	< 1mW	< 3mW	< 1mW
Features						
Auto power off	√					
Low battery indication	√					
LCD display	Color EBTN					
High/low LED alarm	√					
High/low audible alarm	√					
Data hold	√					
°C/°F selection	√					
MAX/MIN/AVG/DIF mode	√					
Lock measurement	√					
Data storage	—	99	99	—	99	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)					
Tripod mounting hole	√					
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					

UNI-T®

UT305 Series Infrared Thermometers



● UT305C



UT305 series infrared thermometers can measure temperature by laser or contact with k-type temperature probe. UT305 has a 50:1 D:S ratio, so it can measure long range temperature points of interest with great accuracy. UT305 also has 99 sets of data storage and USB data transmission. They are ideal tools for industrial quality inspection such as HVAC and electronics manufacturing.

SPECIFICATIONS

	UT305A	UT305C
Temperature range	-50°C~1050°C	-50°C~1550°C
	-58°F~1922°F	-58°F~2822°F
Accuracy	±1.8°C or ±1.8%	
Repeatability	±0.5°C or ±0.5%	
Resolution	0.1	
D:S ratio	50:1	
Response time	250ms (95% of reading)	
Emissivity	0.1~1.0 adjustable	
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	√	
MAX/MIN/AVG/DIFF mode	√	
Data storage	99	
USB interface	√	
High/Low alarm	√	
LCD backlight	√	
Tripod mounting hole	√	
T-C thermocouple measurement	√	

GENERAL CHARACTERISTICS

Power	USB or 9V battery (6F22) or power adaptor
Display	33mm x 38 mm
Product color	Red and grey
Product net weight	320g
Product size	183mm x 147mm x 57mm
Standard accessories	Battery, USB interface cable, PC software CD, point contact temperature probe
Standard individual packing	Gift box, tool box, English manual
Standard quantity per carton	1pcs
Standard carton measurement	372mm x 113mm x 315mm
Standard carton gross weight	2kg

UNI-T®

UT305S Infrared Thermometer

UT305S infrared thermometer can measure temperature by laser. UT305S has a 50:1 D:S ratio, so it can measure long range temperature points of interest with great accuracy. UT305S also has 99 sets of data storage and USB data transmission. It is an ideal tool for industrial quality inspection such as HVAC and electronics manufacturing.

- °C/°F selection
- Laser switch
- Data hold/LCD backlight
- Auto power off
- Tripod mounting hole
- Low battery indication
- MAX/MIN/AVG/DIFF mode
- High/low alarm



● UT305S

	UT305S
Certificates	CE, RoHS
Temperature range (°C)	-50°C~2000°C
Temperature range (°F)	-58.0°F~3632°F
Accuracy	±1.0°C or ±1.0%
Repeatability	0.7°C or 0.7%
LCD display	EBTN
High/low temperature LED alarm	v
Trigger lock	v
Resolution	0.1°C
D:S ratio	50:1
Response time	250ms (95% of reading)
Emissivity	0.1~1.0 adjustable
Laser type	Class 2
Laser power	<1mW
Laser wavelength	630nm~670nm
Spectral response	8μm~14μm
Data storage	99
Power	9V Battery (1604S)
Display	35mm x 35mm
Product net weight	310g
Product size	172mm x 113.5mm x 53mm
Standard accessories	Battery, carrying bag, English manual
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	425mm x 335mm x 365mm
Standard carton gross weight	6.65kg

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UT306A Mini Infrared Thermometer



SPECIFICATIONS

	UT306A
Temperature range	-35°C~300°C -31°F~572°F
Accuracy	≥0°C: ±2.0°C or ±2%; <0°C: ±(2.0°C+0.1°C/°C) ≥32°F: ±4.0°F or ±2%; <32°F: ±(4.0°F+0.1°F/°F)
D:S ratio	6:1
Response time	<250ms
Emissivity	0.95
Spectral response	8um~14um
Laser power	< 1mW
Features	
Auto power off	√
Low battery indication	√
Data hold	√
°C/°F selection	√
MAX/MIN/AVG mode	√
Lock measurement	√
Backlight	√
Laser	√
Operating temperature	0°C~50°C (32°F~104°F)
Storage temperature	-20°C~60°C (-4°F~140°F)
Operating humidity	<90%RH (non-condensing)
Drop test	1m



UT306A is a portable non-contact thermometer. This device's miniature design is convenient to carry and suitable for everyday temperature measurement needs. UT306A is designed to counter environmental interference, ensuring accurate temperature readings under various measurement environments.

GENERAL CHARACTERISTICS

Power	1.5V battery (R03) x 3
Display	37.4mm x 36.4mm
Product color	Red and grey
Product net weight	120g
Product size	120mm x 53mm x 28mm
Standard accessories	Batteries
Standard individual packing	Gift box, English manual
Standard quantity per carton	20pcs
Standard carton measurement	272mm x 225mm x 200mm
Standard carton gross weight	2.8kg

100

UNI-T®

UT309 Series
Professional Infrared Thermometers



UT309E

UT309 series professional infrared thermometers 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.



	High temperature LED indicator
	Low temperature LED indicator

Specifications	UT309A	UT309C	UT309E
Certificates	CE, UKCA		
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		

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

Characteristics	
Standard accessories	Battery, English manual (UT309A/C only: German, French, Spanish optional)
Power	9V battery (6F22)
Display	UT309A/C: 32 x 29mm; UT309D: 32 x 32mm
Product size	189 x 118 x 55mm
Product net weight	292g
Standard individual packing	Gift box, blister, carrying bag
Standard quantity per carton	10pcs
Standard carton measurement	430 x 335 x 330mm
Standard carton gross weight	UT309A/C: 6.5kg; UT309D: 5.8kg