




## UT302+/UT303+ Series Infrared Thermometers

- °C/°F selection/auto power off/backlight
- Data hold/lock measurement
- MAX/MIN/AVG/DIFF/Hold modes
- User defined visual and audio alarm
- Low battery indication/tripod mounting hole
- Date/time display (UT302C+/D+/UT303C+/D+)
- Time scheduled measurement (UT302C+/D+/UT303C+/D+)

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



**Scheduled measurement (UT302C+/303C+/302D+/303D+):**  
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.



● UT303D+

SPECIFICATION	UT302A+	UT302C+	UT302D+	UT303A+	UT303C+	UT303D+
Certificates	CE, RoHS					
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°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	8µm-14µm					
Laser type	Single	Ring	Dual	Single	Ring	Dual
Laser power	<1mW	<3mW	<1mW	<1mW	<3mW	<1mW
Data storage	99					
Scheduled measurement		√	√		√	√
LCD display	Color EBTN					
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)					
<b>GENERAL CHARACTERISTICS</b>						
Power	9V battery					
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, blister					
Standard quantity per carton	10pcs					
Standard carton measurement	425mm x 335mm x 365mm					
Standard carton gross weight	6.65kg					

## UT305 SERIES Infrared Thermometers



UT305 series infrared thermometers can measure temperature by laser or contact with k-type temperature probe (UT305A/C). 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.



● UT305C



● UT305S

- °C/°F selection
- Laser switch
- Data hold/LCD backlight
- Auto power off
- Tripod mounting hole
- Low battery indication
- MAX/MIN/AVG/DIFF mode
- USB interface (UT305A/C)
- High/low alarm
- T-C thermocouple measurement (UT305A/C)

SPECIFICATION	UT305A	UT305C	UT305S
Certificates	CE, RoHS		
Temperature range (°C)	-50°C-1050°C	-50°C-1550°C	-50°C-2000°C
Temperature range (°F)	-58°F-1922°F	-58°F-2822°F	-58.0°F-3632°F
Accuracy	±1.8°C or ±1.8%		
Repeatability	±0.5°C or ±0.5%		
LCD display	LCD		
High/low temperature LED alarm	EBTN		
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		
<b>GENERAL CHARACTERISTICS</b>			
Power	USB or 9V battery (6F22) or power adaptor		9V Battery (1604S)
Display	33mm x 38 mm		35mm x 35mm
Product net weight	320g		310g
Product size	183mm x 147mm x 57mm		172mm x 113.5mm x 53mm
Standard accessories	Battery, USB interface cable, point contact temperature probe, English manual		Battery, carrying bag, English manual
Standard individual packing	Gift box, tool box		Gift box
Standard quantity per carton	1pcs		10pcs
Standard carton measurement	372mm x 113mm x 315mm		425mm x 335mm x 365mm
Standard carton gross weight	2kg		6.65kg