

UT301+ SERIES INFRARED THERMOMETERS



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

| | UT301A+ | UT301C+ | UT301D+ |
|------------------------------------|--|----------------|----------------|
| Temperature range (°C) | -32°C~420°C | -32°C~600°C | -32°C~600°C |
| Temperature range (°F) | -25.6°F~788°F | -25.6°F~1112°F | -25.6°F~1112°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 | 12:1 (95%) | | |
| Response time | ≤250ms (95% of reading) | | |
| Emissivity | 0.1~1.0 (adjustable, stores 5 sets of preset values) | | |
| Spectral response | 8um~14um | | |
| Laser signal | Single | Ring | Double |
| Laser power | <1mW | | |
| Features | | | |
| Auto power off | √ | | |
| Low battery indication | √ | | |
| LCD display | Color EBTN | | |
| High/low temperature LED alarm | √ | | |
| High/low temperature audible alarm | √ | | |
| Data hold | √ | | |
| °C/°F selection | √ | | |
| MAX/MIN/AVG/DIF mode | √ | | |
| Lock measurement | √ | | |
| Data storage | — | 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 | 30mm x 30mm | | |
| Product color | Red and grey | | |
| Product net weight | 204g | | |
| Product size | 160mm x 74mm x 48mm | | |
| Standard accessories | Battery, carrying bag | | |
| Standard individual packing | Gift box, blister, English manual | | |
| Standard quantity per carton | 20pcs | | |
| Standard carton measurement | 475mm x 350mm x 250mm | | |
| Standard carton gross weight | 10.43kg | | |



● UT301C+

- 12:1 D:S ratio
- Adjustable emissivity 0.1~1.0
- ±1.5°C temperature measurement accuracy
- User defined visual and audio alarm
- High contrast EBTN color display
- MAX/MIN/AVG/DIFF/Hold modes
- Ring Lasers (UT301C+); Dual Lasers (UT301D+)
- Temperature recording up to 99 groups (UT301C+/UT301D+)
- Date/time display (UT301C+/UT301D+)
- Time scheduled measurement (UT301C+/UT301D+)



Scheduled measurement (UT301C+/UT301D+):

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 (UT301C+)

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