

Uni-T UT301A+ Infrared Thermometer



Model: UT301A+

Manufacturer: UNI-T

EAN: 6935750530177

Product Code: 878407

R1,700

Uni-T UT301A+ infrared thermometer

The Uni-T UT301A+ is an infrared thermometer designed for non-contact temperature measurement in the range from -32°C to 420°C . The device offers an accuracy of $\pm 1.5^{\circ}\text{C}$ and a response time of up to 250 ms, allowing for quick detection of malfunctions in equipment and systems. A D:S ratio of 12:1 and adjustable emissivity in the range of 0.1–1.0 allow for better measurement adaptation to various surfaces, while the color EBTN display improves the readability of results when working on electrical installations, HVAC systems, or vehicle diagnostics.

Features to simplify daily work

The UT301A+ model allows you to save 5 sets of emissivity settings and offers audible and visual alarms for excessively high or low temperatures. Users also have access to MAX, MIN, AVG, DIFF, and Hold modes, as well as a measurement lock function, which facilitate the analysis of results and monitoring of temperature changes. Its compact design weighing 204 g, resistance to drops from a

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height of 1 meter, and the ability to mount it on a tripod make the device well-suited for daily service and field work.

Included

- Thermometer
- 9V battery
- Carrying case
- User manual

Specifications

Manufacturer	Uni-T
Model	UT301A+
Product type	Infrared thermometer
Temperature range (°C)	-32...420°C
Accuracy (°C)	pm1.5°C or pm1.5% (>0°C), pm(1.5°C + 0.1°C/°C) (le0°C)
Repeatability (°C)	0.7°C or 0.7%
Temperature range (°F)	-25.6...788°F
Accuracy (°F)	pm3.0°F or pm1.5% (>32°F), pm(3.0°F + 0.1°F/°F) (le32°F)
Repeatability (°F)	1.5°F or 0.1°F/°F
D:S ratio	12:1
Response time	le250 ms
Emissivity	0.1-1.0
Stored emissivity settings	5 sets
Spectral response	8-14 µm
Laser power	1 mW
Display	Color EBTN

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Functions	High and low alarm, Data Hold, unit selection, measurement lock, backlight, tripod socket, auto power off, battery indicator
Measurement modes	MAX / MIN / AVG / DIFF / Hold
Operating temperature	0...50°C (32...122°F)
Storage temperature	-20...60°C (-4...140°F)
Humidity	90% RH non-condensing
Drop resistance	1 m
Power supply	9V battery
Display dimensions	30 × 30 mm
Weight	204 g
Dimensions	160 × 74 × 48 mm
Color	Red and gray
Certifications	CE, UKCA

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 320, Net weight: 240, Box length: 22,00, Box width: 10,50, Box height: 7,00

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