

Uni-T UT301C+ Infrared Thermometer



Model: UT301C+

Manufacturer: UNI-T

EAN: 6935750530191

Product Code: 1089571

R2,055

Uni-T UT301C+ infrared thermometer

The Uni-T UT301C+ is an infrared thermometer designed for fast and accurate temperature measurements in technical and maintenance applications. The device operates in the range from -32°C to 600°C, offers a response time of up to 250 ms, and an accuracy of $\pm 1.5^{\circ}\text{C}$, which facilitates the efficient detection of temperature anomalies. A 12:1 D:S ratio and adjustable emissivity in the range of 0.1–1.0 allow for better adaptation of measurements to various surfaces and materials. The color EBTN display improves readability and working comfort in various lighting conditions.

Wider range and advanced data logging capabilities

The UT301C+ model allows for storing up to 99 measurements and using the MAX, MIN, AVG, DIFF, Hold, and measurement lock functions, which facilitates the analysis of results and monitoring of temperature changes. The device also offers visual and audible alarms when set temperature thresholds are exceeded, as well as date and time display. Its compact design, weighing 204 g and

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measuring 160 × 74 × 48 mm, is ideal for daily field work, and its ability to withstand a 1-meter drop enhances the device’s durability.

Included

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

Specifications

Manufacturer	Uni-T
Model	UT301C+
Product type	Infrared thermometer
Temperature range (°C)	-32...600°C
Accuracy (°C)	±1.5°C or ±1.5% (>0°C), ±(1.5°C + 0.1°C/°C) (≤0°C)
Repeatability (°C)	0.7°C or 0.7%
Temperature range (°F)	-25.6...1112°F
Accuracy (°F)	±3.0°F or ±1.5% (>32°F), ±(3.0°F + 0.1°F/°F) (≤32°F)
Repeatability (°F)	1.5°F or 0.1°F/°F
D:S ratio	12:1
Response time	≤250 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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Data memory	99 records
Functions	Scheduled measurements, date and time, high and low alarms, Data Hold, unit selection, measurement lock, backlight, tripod socket, auto power off, battery indicator, laser ring
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: 330, Net weight: 204, Box length: 21,50, Box width: 10,50, Box height: 7,00

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