

Uni-T UT303D+ Infrared Thermometer



Model: UT303D+

Manufacturer: UNI-T

EAN: 6935750530399

Product Code: 1089564

R2,791

Uni-T UT303D+ Infrared Thermometer

The Uni-T UT303D+ infrared thermometer is a precision device for non-contact surface temperature measurement over a wide range from -32°C to 1300°C , equipped with a dual laser for easy and accurate targeting and a fast response time of 250 ms. It offers high measurement accuracy of $\pm 1.5^{\circ}\text{C}$ or $\pm 1.5\%$ for temperatures $\geq 0^{\circ}\text{C}$, while for sub-zero temperatures, the error is calculated using the formula $\pm(1.5^{\circ}\text{C} + 0.1^{\circ}\text{C}/^{\circ}\text{C})$. The model features adjustable emissivity (0.1–1.0), a clear color EBTN display, analysis functions (MAX/MIN/AVG/DIFF), and the ability to store up to 99 measurements with date and time, making it an advanced tool for precise non-contact measurements.

Functionality and Measurement Precision

The Uni-T UT303D+ is designed for convenient and accurate operation—thanks to its 30:1 D:S ratio, it enables measurements from a greater distance while maintaining high precision. The device offers

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visual and audible alarms, a result hold (HOLD) function, data logging, and the ability to perform scheduled measurements. Its rugged construction, resistant to drops from heights of up to 1 meter, ergonomic housing, and backlight make the device well-suited for various working conditions.

Included in the set

- Uni-T UT303D+ Infrared Thermometer
- 9V battery
- Carrying case
- User manual
- Blister packaging
- Manufacturer’s packaging

Manufacturer	Uni-T
Model	UT303D+
Temperature measurement range	-32°C ~ 1300°C
Repeatability	0.7°C or 0.7%
D:S ratio	30:1
Response time	250 ms
Emissivity adjustment	0.1 – 1.0 (5 presets)
Spectral range	8–14 μm
Laser	Dual Laser
Laser power	1 mW
Display	color EBTN, high contrast (35 x 35 mm)
Measurement modes	MAX / MIN / AVG / DIFF / HOLD
Measurement memory	up to 99 entries (with date and time)
Alarms	visual + audible
Operating temperature	0°C ~ 50°C
Storage temperature	-20°C ~ 60°C

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Operating humidity	90% RH (non-condensing)
Drop test	1 m
Power supply	9V battery
Weight	310 g
Dimensions	172 x 113.5 x 53 mm
Tripod mount	yes

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 470, Net weight: 310, Box length: 14,50, Box width: 7,50, Box height: 23,50

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