

Uni-T UT302D+ Infrared Thermometer



Model: UT302D+

Manufacturer: UNI-T

EAN: 6935750530290

Product Code: 878402

R1,995

Uni-T UT302D+ Infrared Thermometer

The Uni-T UT302D+ infrared thermometer is an advanced device for non-contact surface temperature measurement in the range of -32°C to 1100°C , equipped with a dual laser for precise targeting. It offers a fast response time of 250 ms and high 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, and measurement analysis functions (MAX/MIN/AVG/DIFF), making it an effective tool for fast and accurate temperature control.

Advanced functionality and data management

The Uni-T UT302D+ offers extensive capabilities thanks to features such as storage of up to 99 measurements with date and time, visual and audible alarms, and a scheduled measurement option. A 20:1 D:S ratio enables convenient non-contact measurements with the precision typical of the

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UT302 series, while the ergonomic design and backlight enhance user comfort. A rugged housing resistant to drops from heights of up to 1 meter ensures the device performs well in a variety of conditions.

Included

- Uni-T UT302D+ Infrared Thermometer
- 9V battery
- Carrying case
- User manual
- Blister packaging
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Manufacturer	Uni-T
Model	UT302D+
Temperature measurement range	-32°C ~ 1100°C
Repeatability	0.7°C or 0.7%
Distance-to-Spot Ratio (D:S)	20:1
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 (35 x 35 mm)
Measurement modes	MAX / MIN / AVG / DIFF
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: 21,00, Box width: 14,00, Box height: 7,50

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