

UNI-T UT191T professional digital multimeter



Model: UT191T

Manufacturer: UNI-T

EAN: 6935750519110

Product Code: 806877

R2,282

UNI-T UT191T professional digital multimeter

The UNI-T UT191T is a professional digital multimeter designed for use in harsh industrial environments. Equipped with True RMS function, the meter provides accurate measurements of voltage, current, resistance, capacitance, frequency and temperature. The UT191T offers a resolution of 6,000 counts and automatic or manual range selection. The meter's housing meets the IP65 standard and can withstand drops from heights of up to 2 meters, making it an ideal tool for use in harsh and changing conditions.

Precise measurements

The UT191T multimeter can measure DC and AC voltages up to 600 V, as well as DC and AC currents up to 20 A, giving it a wide range of applications in industry, service or installation. The

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measurement accuracy is $\pm(0.5\% + 3)$ for DC voltage and $\pm(0.7\% + 3)$ for AC voltage. In addition, the meter can measure resistance up to 60 MΩ, capacitance up to 60 mF and frequency up to 1 MHz. Duty cycle measurement covers the range from 0.1% to 99.9%, making it easy to analyze pulse signals.

True RMS and LoZ function - greater accuracy and safety

Thanks to True RMS technology, the multimeter accurately measures the value of signals with irregular waveforms, which is essential for measurements in systems powered by an inverter, UPS, etc. LoZ (low input impedance) mode increases the reliability of measurements in industrial installations.

High resistance

The meter's housing meets the IP65 standard, which means full resistance to dust and water. In addition, the device has passed a drop test from a height of 2 meters, making it extremely durable even in construction and industrial conditions.

Included

- multimeter
- battery
- case
- temperature probe

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DC voltage measurement range	600 V $\pm(0.5\% + 3)$
AC voltage measurement range	600 V $\pm(0.7\% + 3)$

LoZ ACV	600 V $\pm(2\% \square 5)$
ACV LPF	600 V $\pm(2\% \square 5)$
DC current	20 A $\pm(0.8\%+3)$
AC current	20 A $\pm(1\%+3)$
Resistance	60M Ω $\pm(0.8\%+2)$
Capacitance	60mF $\pm(3\%+5)$
Frequency	10Hz~1MHz $\pm(0.1\%+4)$
Duty cycle	0.1%~99.9% $\pm(2\% \square 5)$
Temperature measurement range	-40°C~400°C (0.1°C resolution) $\pm(1\%+20)$; -40°F~752°F (0.2°F resolution) $\pm(1\%+40)$
ACV peak value support	$\pm(2\%+100)$
Peak current detection	$\pm(3\%+100)$
Sampling frequency	3 times/second
Analog bar graph	31 sections
True RMS	Yes
AC voltage frequency response	45Hz~400Hz
AC frequency response	45Hz~400Hz
Diode/continuity test	Yes
Automatic/manual range	Yes
Automatic power off	Yes
Low battery indicator	Yes
Data storage/MAX/MIN	Yes
Function selection (SELECT)	Yes
Flashlight/Automatic backlight	Yes
Drop test from a height of 2 m/IP65	Yes
Power supply	9V battery
LCD display size	58 x 42 mm
Weight	428 g
Dimensions	180 x 87 x 59 mm

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GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 790, Net weight: 428, Box length: 29,00, Box width: 15,50, Box height: 10,50

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