

3-IN-1 HANDHELD OSCILLOSCOPE

Oscilloscope, multimeter & signal generator



Discover the ultimate tool for electronics enthusiasts and professionals - our 3-in-1 handheld oscilloscope! With this versatile device, you not only get a high-precision 2-channel oscilloscope, but also a powerful multimeter and a versatile signal generator - all in a handy, portable design.

With our handheld oscilloscope, you can easily monitor and analyze electronic signals to perform accurate measurements and diagnostics. The 2-channel function allows you to capture and compare different signals simultaneously, helping you to identify problems and find solutions faster.

MAIN FEATURES

Special functions	2-channel oscilloscope, multimeter, signal generator, Waveform can be saved as a screenshot Integrated stand
Display	2.8" (7.11 cm) display (320 x 240) pixels
Battery	3000 mAh lithium battery (rechargeable via USB-C 5 V / 1 A)
Included manual	Deutsch, Englisch, Französisch

OSCILLOSCOPE SPECIFICATIONS

Channels	2
Sampling rate	50 MSa/s
Analog bandwidth	10 MHz
Internal memory	32 kB
Impedance	1 MΩ
Time base range	50 ns - 10 s
Vertical sensitivity	20 mV/div - 10 V/div (X1)
Measurable voltage	0 - 400 V
Trigger modes	Auto, Normal, Single
Trigger types	Rising edge, Falling edge
Coupling	AC, DC

MULTIMETER SPECIFICATIONS

Voltage measuring range	0 - 999,9 V (DC), 0 - 750 V (AC)
Measuring range current	0 - 9,999 A (DC & AC)
Measuring range resistance	9 - 99,99 MΩ
Measuring range capacitance	0 - 99,99 mF
Temperature measuring range	-55 - 1300 °C

Voltage accuracy	DC: $\pm(0,5\% + 3 \text{ Digits})$ AC: $\pm(1\% + 3 \text{ Digits})$
Current accuracy	DC: $\pm(1,2\% + 3 \text{ Digits})$ AC: $\pm(1,5\% + 3 \text{ Digits})$
Resistance accuracy	0 - 999,9 Ω : $\pm(0,5\% + 3 \text{ Digits})$ > 1000 Ω $\pm(1,5\% + 3 \text{ Digits})$
Capacity accuracy	0 - 9,999 nF: $\pm(0,5\% + 3 \text{ Digits})$ > 10 nF $\pm(5,0\% + 20 \text{ Digits})$
Temperature accuracy	$\pm(2,5\% + 5 \text{ Digits})$
Other functions	Measurement of diodes, continuity testing, Detection of live wires

SIGNAL GENERATOR SPECIFICATIONS

Waveforms	Sine, square, triangle, full wave, half wave, noise wave, DC
Output frequency	1 Hz - 2 MHz
Output amplitude	0,1 - 3,3 V

ADDITIONAL INFORMATION

Weight	300 g
Weight (battery)	49 g
Dimensions	167 x 89 x 35 mm
Article no.	JT-OMS01
Items shipped	JT-OMS01, manual, USB-C cable, 2x test probes, 1x test clamp, 1x oscilloscope probe
Customs tariff number	85432000
EAN	4250236827155