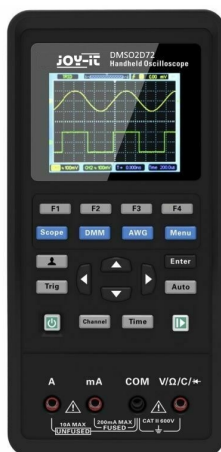


JT-DMSO2D72

3 in 1 handheld oscilloscope, signal generator and multimeter



This practical and flexible 3-in-1 device combines the functions of a multimeter, a function generator and an oscilloscope. 2 batteries (18650 cells) allow use of up to one day. The batteries are charged via a USB-C port (which can also be used to operate the device during charging).



MAIN FEATURES

Functions	2-channel-oscilloscope, signal generator for arbitrary wave types, 6 multimeter measuring modes
Display type	2,8 Inch 64K color-TFT-LCD
Display resolution	320 x 240
Display settings	Adjustable background brightness, backlight duration, auto power off time
Protective Case	Silicon cover, good impact resistance, outstanding heat resistance, easy to disassemble
Special features	mobile use through battery operation, 3 in 1 device (oscilloscope, signal generator, multimeter), 3 languages (German, English, French)
Assembly / Stand function	45° suspension bracket
Dimensions	199 x 98 x 40 mm
Items delivered	JT-DMSO2D72, 2 batteries (18650, 2600 mAh), passive 80 MHz Probe + accessories, 2x BNC to crocodile clip coaxial cable, 2x DMM test lead, USB to type C USB cable, USB power supply (5V, 2 A)

FURTHER SPECIFICATIONS

Interface	USB Type C for power/data
Charging current	5 V / 2 A
Charging duration (@2A)	Full recharge after 2 h
Rechargeable battery	2x 16850 Lithium
Battery life in use	A full day
Battery life in Standby	Up to eight weeks
Self calibration	After long non-usage
PC software support	Windows7/8/10 32& 64 bit



SINGLE FUNCTION SPECIFICATIONS

Oscilloscope: With storage function

Sampling rate
 Single channel 250 MSa/s
 Dual channel 125 MSa/s

Bandwidth 70 MHz

Vertical resolution 10mV - 10V

Automatic measurement of frequency and amplitude

Manual cursor measurement voltage and time

Channels 2+ DMM + AWG

Output impedance (DC) 25 pF ±3pF ; 1 MΩ±2%

Maximum input voltage 150 V RMS

Signal generator:

Sampling rate 250 MSa/s

Vertical resolution 12 bits

Waveforms Sine, square, triangle, trapezoid, and many more

Sine 1Hz - 25 MHz

Square 1Hz - 10 MHz

Triangular 1Hz - 1MHz

Trapezoid 1Hz - 5MHz

Frequency resolution 1Hz

Output impedance 50 Ω

Digital Multimeter:

6 Multimeter measuring modes Voltage, current, resistance, capacity, diode, on-off

max. resolution 4000 Counts

Ranges

voltage	0 μV - 600 V DC 0 mV - 600 V AC, 40-400 Hz
current	0 μA - 10 A
resistance	0mΩ - 40 MΩ
capacity	0 pF - 100 μF
diode	0-2 V
on-off	<50Ω

FURTHER DETAILS

Article No. JT-DMSO2D72

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