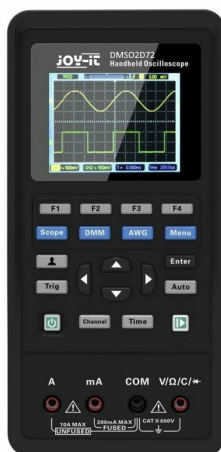


JT-DMSO2D72

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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