

DSO3D12

The DSO3D12 is a dual-channel oscilloscope with a desktop +3.2" display. With 120M bandwidth and with powerful features.

It integrates a high-precision multimeter and signal generator. Using MCU and FPGA chips, it provides high-speed signal acquisition and high-speed data processing, giving you a smooth user experience and rich functions.

Widely used in chip debugging, car maintenance, home appliance maintenance, DIY debugging, radio amateurs, switching power supply, frequency converter, etc.

Come on, try it, it won't let you down.

Multiple innovative features

High precision/high bandwidth

Parameters

Model	DSO3D12	Key type	Soft silicone keys
Screen size	3.2 inch	Charging	TYPE-C 5V
Language	中文/English	Battery time	about 6 hours
bracket	Collapsible stand	Case size	14.5 *8.6 *3.2cm

Oscilloscope parameters

Channels	2	Coupling	AC/DC
Real time sample rate	250MSa/s	Auto mode	oneKey-auto/fully-auto
Bandwidth	120Mhz (CH1 Only) 60Mhz (CH1+CH2)	Sensitivity	X1:10mV/div~10V/div X10:100mV/div~100V/div
Equivalent sampling	500M	Measure items	14 types
Rise time	<3ns	DC Offset	±2%
Storage	128Kb	XY mode	yes
Impedance	1MΩ	Screenshot	yes
TimeBase	5ns – 10s	Frequency	±0.01%
Peak voltage	±40V (1x) ±400V (10x)	Zoom mode	yes
		FFT	yes
Trigger mode	auto/normal/single	Generator wave	sin/square/triangular...
Trigger type	rise/fall	Generator Vol	2.5V±0.05
display mode	YT /XY/ roll	Generator freq	1Hz~2MHz
Persistence	none/1s / ∞		

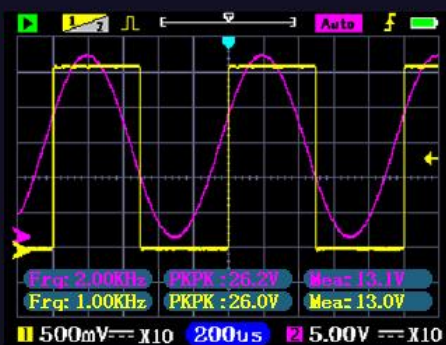
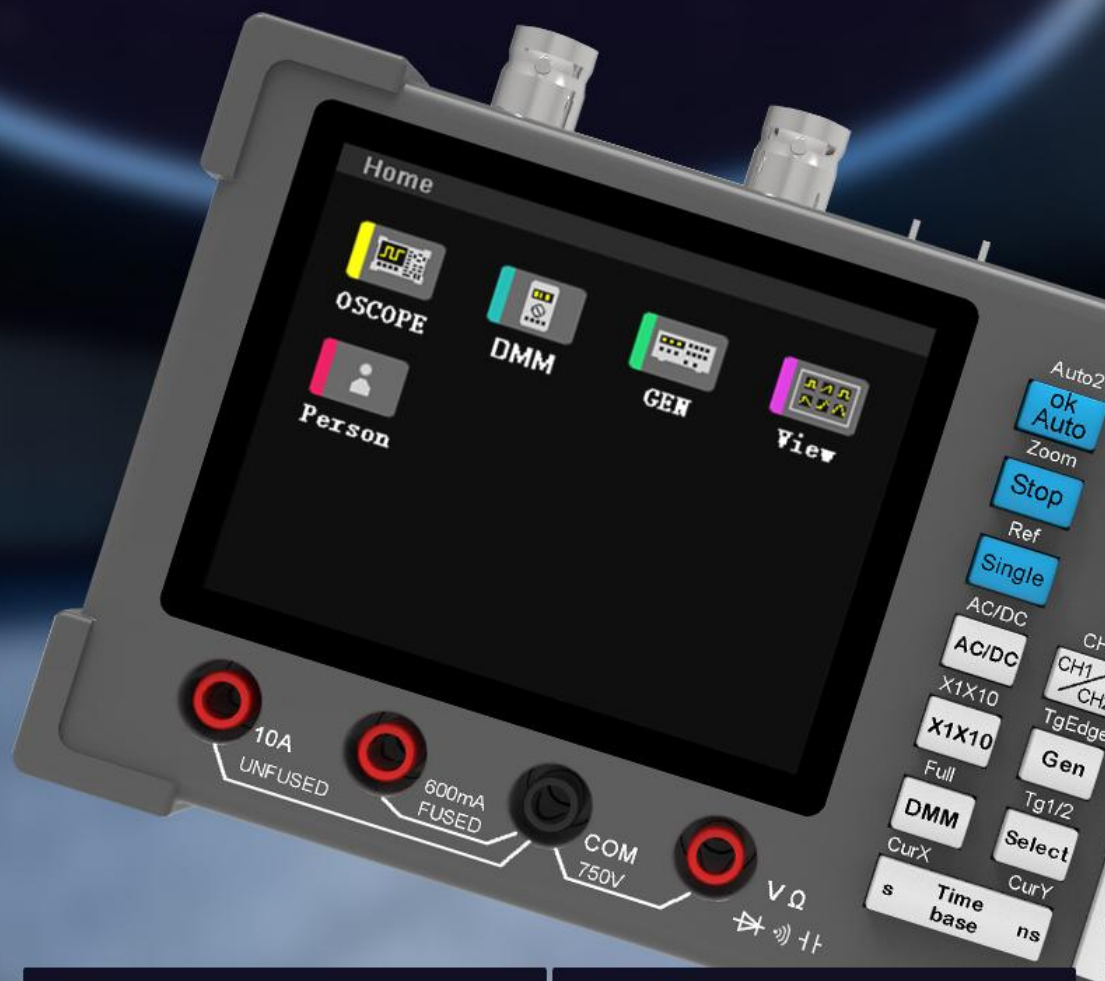
Multimeter parameters

Function	Range	Precision
DC voltage	600mV/6.00V/60.0V/600V/750V	$\pm(0.5\%+3)$
AC voltage	600mV/6.00V/60.0V/600V	$\pm(1\%+3)$
DC current	600mA / 10A	$\pm(2\%+5)$
AC current	600mA / 10A	$\pm(3\%+5)$
current note: 600mA hole with 1A fuse, 10A hole without fuse		
Resistance	600.0 Ω	$\pm(1.5\%+3)$
	6.000k Ω /60.00k Ω /600.0k Ω	$\pm(1\%+3)$
	6.000M Ω	$\pm(1.5\%+5)$
	60.00M Ω	$\pm(3\%+3)$
capacitance	60.00nF/600.0nF/6.000 μ F	$\pm(5\%+5)$
	60.00 μ F/600.0 μ F	$\pm(10\%+5)$
Diode	0.0V~3.3V, 3.3V higher display OL	
Continuity	Sound at 50 Ω and below	

120MHz bandwidth 500M equivalent sampling rate

Real-time sampling rate is 250MSa/s
dual-channel mode bandwidth halved to 60MHz

It can easily handle measurement in various fields:
basic R&D commissioning, automobile maintenance,
electronics enthusiasts, home appliance repair,
power supplies, welding machines, frequency
converters, etc.



Dual channel



Multimeter

Smart desktop oscilloscope

High bandwidth/multimeter/dual channel/
full-featured/signal generator



Fully *automatic*

Support one-key automatic and fully automatic mode, no complicated operation, you can quickly adjust the waveform, novice quick start.

