

OS100 Oscilloscope

► Scope is an essential part of part of the diagnostic box. VS100 is a powerful diagnostic tool and comes complete with over 80 guided tests. It is continually developed to ensure it keeps with the latest vehicle technology, and remain intuitive and easy to use. It is an essential partner to your serial diagnostic tool, technical information and personal knowledge.



Features & Benefits

- Equipped with over 80 types of automotive measurement function.
- First Diagnosis: Intake manifold vacuum & ignition, petrol fumes adjusting valve vacuum & ignition, Idle exhaust ignition, starting exhaust ignition.
- Ignition: primary and secondary.
- Sensor: Air Flow Meter, Camshaft, Crankshaft, Distributor, Lambda sensor, Throttle position.
- Bus Diagnosis: CAN bus data examine, CAN bus signal integrity, CAN bus LH long time acquisition, LIN bus.
- Performer: Petrol/Diesel.
- Starter and charging circuits.
- Fit for the portable computers, table PC, and suitable for wild mobile use and business trip use.
- Support WIN10/ WIN8/ WIN7 etc.
- USB 2.0 interface plug and play, and no need extra power supply.
- More than 20 automatic measurement functions, PASS/FAIL Check function, resourceful trigger function, dynamic cursor tracking, waveform record and replay function.
- 4 isolated channels, 1GSa/s real time sampling rate, 2mV-10V/DIV high input sensitivity and large input range, 70MHz high bandwidth.
- The waveform data could be output to EXCEL,BMP, or JPG format.
- Waveform averaging, afterglow, lightness control, reverse, add, subtract, multiply, divide, X-Y display.
- FFT spectrum analyzer.
- One computer could connect with multiple oscilloscopes, expanding the channel number easily.
- Provide secondary development library DLL; Provide Labview\VB\VC\QT developing examples.



Kit Includes

- 2pcs Large Dolphin/Gator Clip
- 1pc Auto High-pressure Ignition Probe
- 1pc Acupuncture Probe Set
- 2pcs Multimeter Probe
- 4pcs Auto Test Cable
- 2pcs Attenuator
- 1pcs Break out lead
- 2pcs Dolphin/Gator Clip cable
- 1pcs USB Cable
- 2pcs Coil-on-plug extension cord
- User's Manual



Specifications

Bandwidth	70MHz
Automotive Tests	Intake manifold vacuum & ignition, petrol fumes adjusting valve vacuum & ignition, idle exhaust ignition, starting exhaust ignition
Channel	4
Real-time Sampling Rate	1GSa/s
Memory Depth	64K
Time Base Precision	±50ppm
Time Base Range	2ns/div-1000s/div (1-2-4 sequences)
Input Impedance	1MΩ 25pF
Input Sensitivity	2mV/div-10V/div
Vertical Resolution	8Bit
Vertical Displacement Range	2mV- 10V/div @ x1 probe; 20mV- 100V/div @ x10 probe 200mV- 1000V/div @ x100 probe; 2V- 10000V/div @ x1000 probe
DC Gain Accuracy	±3%
Bandwidth	20MHz
Trigger Mode	Edge, Pulse, Video, Alternative
Trigger Source	CH1, CH2, CH3, CH4
Cursors Measurement	Cross, Trace, Horizontal, Vertical
Auto Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot, Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle
Volume	175mm * 105mm * 25mm
Weight	0.9KG
Accessory	2 passive probes, 2 gator clip lines

