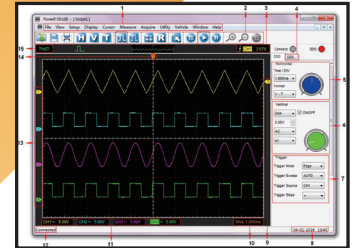
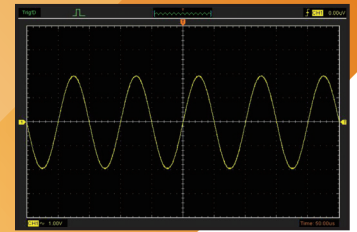


OS100

Oscilloscope

Professional 4 channel Oscilloscope kit. Integrates directly with GT80/90PLUS scan tool & compatible with any Windows PC.

**FREE
ONLINE
UPDATES**



FEATURES & BENEFITS

- » 4 Channels and EXT trigger, 60MHz bandwidth
- » More than 20 kinds of automatic measurement and PASS / FAIL check functions
- » 1GSa/s real time sampling rate
- » Input voltage range: 8-36V
- » Easy to use
- » Print / email function for waveforms
- » Equipped over 80 types of automotive measurement functions
- » 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
- » Starter and charging circuits
- » Fit for use with any Windows computer / tablet (with usb)
- » USB2.0 interface plug and play, and no need for extra power supply;
- » Great function, more than 20 kinds of automatic measurement functions, PASS/FAIL Check function. Resourceful trigger function, dynamic cursor tracking, waveform record and replay function.
- » Small size making it easy to carry. The outer case is made with anodised aluminium. Great heat resistance and abrasive resistance.
- » 4 isolated channels, 1GSa/s real time sampling rate, 2mV-10V/DIV high input sensitivity and large input range, 70MHz high band-width.
- » The waveform data can be output to EXCEL, BMR or JPG format.
- » Waveform averaging, afterglow, lightness control, reverse, add, subtract, multiply, divide, X-Y display.
- » FFT spectrum analyzer
- » One computer can connect with multiple oscilloscopes to expand the channel number easily.
- » Provide secondary development library DLL; Provide Labview/VB/VC/QT developing examples.



SPECIFICATIONS

BANDWIDTH	70MHz
AUTOMOTIVE MEASUREMENT FUNCTION	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	±50 ppm
TIME BASE RANGE	2ns/div-1000s/div (1-2-4 sequences)
INPUT IMPEDANCE	1MΩ 25pFv
INPUT SENSITIVITY	2mV/div -10V/div
VERTICAL RESOLUTION	ARO
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 actor din lines