



PC and Mobile-based Portable Oscilloscope

Key Specifications

- 10 MSPS (2 MHz Bandwidth)
- 2 Channels
- 12-bit Resolution
- 8 Kpts Sample Depth
- $\pm 15V, \pm 50V, \pm 80V$ Input Voltage Range
- $1M\Omega$ Input Impedance
- FFT, XY, Custom Math Operations



Case

Dimensions: 44.7mm x 44.7mm x 10.0mm

Material: Aluminium
Metal Finishing: Sanding and Anodized

Supported Platforms & Requirements

Android: version 5.0 & higher (OTG support required)
Windows: 7 & higher 32/64 bit
MAC OS: 10.8 & higher
Linux: 32/64 bit

Windows, Linux, MAC OS: USB cable
Android: USB cable, OTG

Digital Storage

Real-time Sampling Rate	10 Msps
Sample Depth	8 Kpts
Acquire Mode	Normal, Average
Persistence	Up to 32 frames
Waveform interpolation	None, Linear, Sin(x)/x

Input

Channel	2
Coupling	DC, AC(Software)
Impedance	$1M\Omega$
Max Input Voltage	$\pm 15/50/80$ V
Analog Bandwidth	2 MHz

Horizontal System

Horizontal Scale	$1\mu s/div - 20s/div$
Display Format	Y-T, X-Y

Vertical System

Vertical Resolution	12-bit
Vertical Scale	$5 mV/div - 20 V/div$

Trigger System

Trigger Mode	Auto, Normal, Single
Trigger Horizontal Position	Adjustable
Trigger Level	Adjustable
Trigger Type	Edge
Trigger Edge	Rising, Falling
Source	CH1, CH2
Noise Rejection	Selectable HF Reject

Measurement System

Vertical (Voltage)	V_{max}, V_{min}, V_{pp} Mean, RMS
Horizontal (Time)	Frequency, Period, Duty Cycle
Cursors	Manual Mode, Track Mode

Math Function

Operation	$+, -, \times, /$, LPF, HPF, BPF, BSF AND, NAND, OR, NOR, XOR,
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