iMSO-204x

OSCIUM

Portable Oscilloscope

50 MSPS (5 MHz)

2 Analog + 4 Digital

FFT, Advanced Math

System Requirements (Software)	iOS version 8.0 Android version 6.0 Windows 7 Mac OS 10.10 (Yosemite)
System Requirements (Hardware)	iOS Lightning Devices (iPad, iPhone, iPod) Android Devices with USB OTG Windows/ Mac USB 2.0
Analog	2 Channel, 8 bit
Analog Probe	1x & 10x selectable, removable with SMB
Digital	4
Digital Probe	4 bits, 1 Gnd, 0.100" connectors with removable SMD Grabbers
Analog Bandwidth	5MHz
Max Sample Rate	50MSPS
Sample Depth	1000pts
Horizontal Sensitivity	200ns/div-10s/div
Connector (to host)	Mini-B to Lightning, Mini-B to Micro-B, Mini-B to USB A
Trigger Position & Vertical Position	Adjustable
Vertical Sensitivity	50mV/div to 2v/div (1x) 500mV/div to 20v/div (10x)
iOS App	iMSO
Max Digital Input Voltage	-0.5v to +7v
Max Analog Input Voltage	-8v to +13v (1x) -40v to +40v (10x)
Coupling	AC or DC
Trigger Modes	Auto/Normal/Single/Stop
Trigger Types	Analog, Digital (A, A&B, A|B, A B)
Features	Screen capture and email Demo mode (Analog only) Horizontal/Vertical Cursors Reference Capture Delay (always on) Holdoff -99.99s max FFT, DataLogging, Advanced Math
Live Measurements	6

Measurement Types	
	Frequency, Period, Peak to Peak
	Min, Max, Mean, RMS
	Positive Duty Cycle
	Negative Duty Cycle
	Postive Pulse Width
	Negative Pulse Width
	Cycle Mean, Cycle RMS
	Rise Time, Fall Time

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