MSO-9200

Oscilloscope
Logic Analyzer
Spectrum Analyzer



Specifications			
Timebase			
Rate (single shot)	1GSa/s... 5Sa/s (1GSa mode is only available in single channel mode) 1ns/sample to 5s/sample 1ns/division to 20secons/division External rising External falling External rising and falling		
Rate (Repetitive)	50GMSa/s...1GSa/s (2 channel mode)		
Accuracy	+/- 0.01%		
Resolution	2ns		
Skew	< 2 ns		
Inputs			
Inputs	2 DSO + 12 Logic Analyzer		
Analog			
Bandwidth	200MHz		
Gain Range (per division) *full scale 10 divisions*	Probe	Voltage per division	Full scale voltage
	1x	5mV to 2V per division	50mV to 20V
	10x	50mV to 20V per division	500mV to 200V
	100x	500mV to 200V per division	5V to 2000V
Max Input Voltage	*max input voltage at probe tip depends on probe type (1x, 10x, 100x, etc.)*		
	Probe	Continuous	Transient (DC + AC <10KHz)
	BNC	± 50V DC	± 100V DC
	1X probe:	± 50V DC	± 100V DC
	10X probe:	± 500V DC	± 1,000V DC
	100X probe:	± 5,000V DC	± 10,000V DC
Vertical Resolution	8 bits/ch.		
Vertical Range	10 divisions		
Offset Range	± 5 divisions		
Offset Resolution	0.04 division increments		
Coupling	AC, DC, and Ground		
Impedance	1MΩ // 15pF		
DC Accuracy	± 2%		
A/D	Dual 8 bit		
Digital			

Impedance	100K ohm || 2pF
Sensitivity	<500 mv
Max. input voltage	± 50V DC (± 100V DC transient)
Bandwidth	150MHz
Threshold voltage	+6V to -2V
Memory	
Buffer Size	2 Mpt (2 Million points/channel)
Trigger	
Type	Rising Edge (Adjustable level), Falling Edge (Adjustable level), Pulse Width & Pulse Count 12 bit wide Logic Analzyer I2C SPI
External trigger	Any of the digital inputs can be used as an external trigger.
External trigger out	yes
Mode	Auto, Normal and Single
Autosetup	Yes
Range (vertical)	10 divisions
Resolution	0.04 division increments
Software	
Windows XP/2K/Vista	yes
Spectrum Analysis/FFT	yes
XY Plot	yes
Math	yes
Advanced Math	yes
Pass/Fail Testing	yes
Data Logging (based on pass/fail test) (on every capture)	yes
Physical	
Interface	USB 2.0 Hi-Speed
Probes	Two 1x/10x switchable probes are included.
Connectors	BNC: 3 total: 2 input and trig-out LA Pod: 12 USB 2.0 Hi-Speed (1.1 compatible) Power: 12V 1A input
Calibration point	Yes
Power Requirement	12V at 1A (Typical)
Dimensions	Main unit: 7.9" x 4.7" x 1.5" Logic pod: 4.25" x 3.87" x 0.87" Power supply: 2.1" x 1.8" x 1.0"

Prices		Buy Now
	Price	**Part Number**

MSO Kit: MSO, Logic Pod, two 1x/10x probes, Wire harness, USB cable, US power supply, software	**$1799**	MSO-9212
Optional accessories		
Universal Power Supply		tbd
DLL Library		tbd
10x/100x Differential Probe	**$395**	DSO-probe-dif-kit *(includes: probe, power supply, assorted clips, carrying case)*
100x Probes *(100MHz, 2 meters)*	**$72**	DSO-probe-x100
1x/10x Probes *(100MHz, 2 meters)*	**$60**	DSO-probe-2M
1x/10x Probes *(150MHz, 1.2 meter)*	**$45**	P-PROBE-P150
Wire harness		
LA-Clips		
LA-NanoClips-11		
LA-NanoClips-4		

Previous (Features)

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