

MSO Series

Mixed LA-Oscilloscope



1. Support both DSO and LA
2. 2 channels+1(External) (DSO)
3. 8.0 inch LCD color display
4. USB Flash Disk Storage

Digital Storage Oscilloscope:

1. 60 - 200MHz bandwidth
2. Up to 2GS/s real time sample rate
3. Autoscale function
4. FFT

Logic Analyzer:

1. 100 - 200MHz bandwidth
2. Up to 2GS/s real time sample rate
3. 16 input channels
4. Advanced trigger functions, Various methods for data analysis.

Application:
Design and Debug
Circuit function test
Identified signals logic information
Mixed signal circuit test
Education & Training

Accessories

The receipt of accessories should be taken as final



Probe



Power cord



USB



CD-Rom



Logic analyzer module



Probe adjust



Manual



Battery(optional)



bag(optional)



Performance characteristics



Model	MSO7062TD	MSO7102TD	MSO8102T	MSO8202T
Bandwidth	60MHz	100MHz	100MHz	200MHz
Sample rate(real time)	1GS/s		2GS/s	
Display	8"color TFT LCD,640×480 pixels			
Dimension	370mm(L)×80mm(H)×20mm(W)			
Weight	2.1Kg	2.2Kg		

M50 Series

Mixed LA-Oscilloscope



Performance characteristics

Model		MSO7062TD	MSO7102TD	MSO8102T	MSO8202T
Bandwidth		60MHz	100MHz	100MHz	200MHz
Sample rate(Real time)		1GS/s		2GS/s	
Horizontal Scale(S/div)		2ns/div - 100s/div, step by 1 - 2 - 5		1ns/div - 100s/div, step by 1 - 2 - 5	
Rise time (at input, typical)		≤5.8ns	≤3.5ns	≤1.7ns	
Channels		dual + external trigger			
Max. input voltage		400V (DC + AC peak)			
Record length		2M points			
Probe attenuation factor		1X, 10X, 100X, 1000X			
Interpolation		sin (x)/x			
Vertical resolution (A/D)		8 bit (2 channels simultaneously)			
Vertical sensitivity		2mV/div - 10V/div			
DC gain accuracy		±3%			
DC accuracy(Average)		average>16 : ±(3% rdg + 0.05div) for△V			
Trigger Mode		Edge, Video, Alternate, Pulse, and Slope			
Automatic measurement		Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Delay A →B $\overline{f}$, Delay A→B $\overline{f}$			
Cursor measurement		△V and △T between cursors			
Waveform Math		+, -, x, /, invert, FFT			
Waveform storage		4 waveforms			
Lissajou’s figure	Bandwidth	60MHz	100MHz		200MHz
	Phase difference	± 3degrees			
Communication interface		USB host, VGA (optional), and USB device			
Power supply		100 - 240V AC, 50Hz / 60Hz, CAT II			
Fuse		1A, T class, 250V			

Logic Analyzer Specification

Model	MSO7062TD	MSO7102TD	MSO8102T	MSO8202T
Sample rate (real time)	20S/s-1GS/s			
Bandwidth	100MHz			200MHz
Threshold voltage	±6V(4 settings)			
Input signal range	±30V			
Channels	16			
Record length	4M points			
Input impedance	660KΩ ± 5%, in parallel with 15 ± 5pF			

Trigger position setting	Pre-trigger, Mid-trigger, and Re-trigger
Trigger mode	Edge, Bus, State, Data Alignment, Data Width, and Distributed Queue
Data search	available
Data System	binary, decimal, and hex
Digital filter	0,1,2 optional
Storage setting	10 settings
USB storage	available