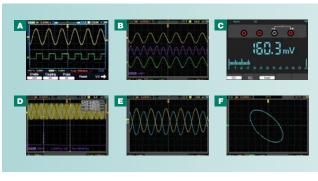


MS6000 Series 2-Channel Digital Oscilloscopes



5.6" (142mm) graphical color LCD for viewing multiple waveforms plus built-in digital multimeter display and analog bargraph.

DISPLAYS:

- A. Oscilloscope B. Dual Channel
- C. Multimeter
- D. Pass/Fail Test E. Reference
- F. X/Y Format



Features

- Three models to choose from:
 - Model MS6060 60MHz bandwidth
 - Model MS6100 100MHz bandwidth
 - Model MS6200 200MHz bandwidth
- One-touch automatic setup optimizes the position, range, timebase, and triggering to assure a stable display of virtually any waveform
- Easy-to-use pop-up menu with built-in multi-language system
- 23 Automatic Measurements
- · Waveform Math: Add, Subtract, Multiply, and Divide
- Store and recall up to 1000 waveform screens and setups using the installed 2G microSD card
- · Automatic cursor tracking measurements
- XY Mode
- Built-in FFT function converts a time-domain signal into its frequency components to measure harmonic content and distortion in systems

- Waveform Recorder to capture/replay input waveforms from CH1 and CH2 with a maximum record length of 1000 frames
- Pass-Fail function compares a stored waveform to an unknown input
- · Average Mode for smoothing waveforms
- Square Wave Output (2V, 1kHz) for probe adjustment
- Built-in 6,000 count True RMS MultiMeter with analog bargraph
- Complete with two 1X/10X oscilloscope probes, test leads, 7.4V Li-lon battery, universal AC charger, and carrying case



Specifications	MS6060	MS6100	MS6200
Bandwidth	60MHz	100MHz	200MHz
Sample rate per channel	500MS/s	500MS/s	500MS/s
Risetime	5.8ns	3.5ns	1.8ns
Timebase Range	4ns/div to 40s/div	4ns/div to 40s/div	2ns/div to 40s/div

Common Features/Functions		
Oscilloscope Functions		
Record Length	1M points per channel	
Display Size	5.6" (142mm) color LCD; 640 x 480 pixels	
Channels	2	
Vertical Sensitivity	2mV/div to 5V/div	
Vertical Resolution	8 bits	
Glitch Capture	Yes	
Sample Mode	Normal, Average, Peak Detect	
Trigger Modes	Edge, Pulse, Alt, Video, Slope	
Trigger Source	CH1, CH2	
Trigger Coupling	AC, DC, LF, HF, Noise Reduction	
Input impedance	1MΩ/20pF	
Max Input Voltage	300V (peak)	
Cursor Measurement	Voltage and time; Delta (CH1-CH2)	
True RMS MultiMeter Function	ons	
AC Voltage	60mV, 600mV, 6V, 60V, 600V	
DC Voltage	60mV, 600mV, 6V, 60V, 600V, 800V	
AC/DC Current	60mA, 600mA, 10A	
Resistance	600Ω , 6 k Ω , 60 k Ω , 60 0k Ω , 6 Μ Ω , 60 Μ Ω	
Capacitance	5nF to 400μF	
Diode and Continuity	Yes	
Power Supply	3 hours Li-ion rechargeable battery; AC Charger	
Dimensions/Weight	9.6 x 6.4 x 2" (245 x 163 x 52mm) / 2.6lbs (1.2kg)	
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Ordering

MS6060 60MHz Dual Channel Digital Oscilloscope
MS6100 100MHz Dual Channel Digital Oscilloscope
MS6200 200MHz Dual Channel Digital Oscilloscope
BATT-74V 7.4V Li-Ion Replacement Battery
TL6201X/10X 200MHz Oscilloscope Probe
TL 625 High Voltage Oscilloscope Probe 100MHz, 2000V