

Micsig[®]

Tablet Oscilloscope Innovator

Handheld Multifunctional Oscilloscope MS200 Series

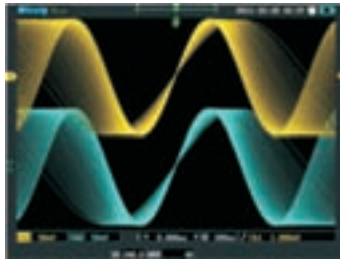


- 5.6 inches TFT LCD touch screen, 640*480 high resolution
- 70MHz~200MHz selectable bandwidth
- 1GSa/s real time sampling rate, 240Kpts memory depth
- Integrate the functions of oscilloscope, multi-meter and recorder
- Up to 4~5H Li-ion battery persistence working time
- Support serial bus trigger for UART/RS232/RS422/RS485, LIN, CAN, SPI, I2C
- Full real time remote control and data transfer via Micsig ScopeSuite Software
- Support I/O interface of USB Slave and USB Host
- Support indoor and outdoor view modes
- Quick Help support

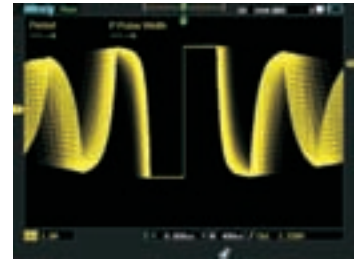
◆ Features



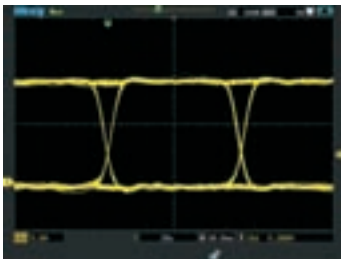
There operation ways : touch ,button and scroll wheel.



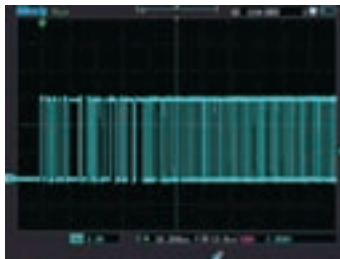
640 * 480 high resolution



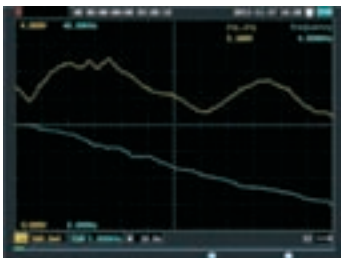
Persistence function keeps the abnormal signal stay longer and easy for analysis



A perfect eye pattern contains an immense amount of parametric information about a signal, it gives you a visual indication of overall signal quality, noise level and signal jitter without looking at the data content. It finds errors like improper cable connections, bad contacts, incorrect grounding and missing or superfluous terminators. Serial bus trigger can be set to a variety of trigger conditions, users can find the wanted frame directly, reducing lots of their working loads.



The functions of Micsig's ScopeSuite software include upgrading, real time control, measurement, storage, dynamic display, record, and data analysis.



3 types of record modes: multimeter record, oscilloscope measurement record and oscilloscope waveform record.



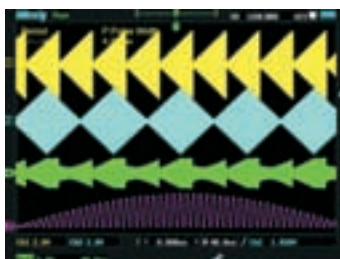
31 auto measurements



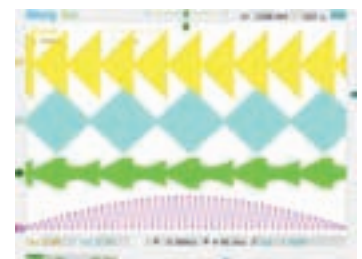
10 physical measurements such as AC/DC voltage, current, resistance etc.



Horizontal cursor, vertical cursor, cross cursor



Indoor mode



Outdoor mode

Micsig Handheld Multifunctional Oscilloscope




MS200 Series

General information				
Bandwidth	70MHz	100MHz	150MHz	200MHz
Model	MS207T	MS210T	MS215T	MS220T
Rise-time	≤5ns	≤3.5ns	≤2.33ns	≤1.75ns
Isolated channel	Not support			
Real-time sampling rate	Single channel :1GSa/s,dual channels:500MSa/s			
Max waveform capture rate	-(can be upgraded to 50K wfms/s)			
Serial bus trigger	Support			
Memory depth	Single channel :240Kpts,dual channels:120Kpts			
Display				
Screen	5.6 inches/Touch screen			
Display resolution	640*480			
Display range	12*8			
Format	YT,Can be upgraded to XY			
Persistence	Auto ,100ms-10s ,or ∞			
Vertical system				
Channel	2 non-isolated oscilloscope channels,1 multimeter channel			
Limited bandwidth	20MHz			
Coupling modes	DC ,AC ,GND			
Input impedance	Parallel 1MΩ±1% with 15pF±3pF			
Vertical scale	5mV/div~50V/div			
Vertical resolution	8bit			
Max voltage input	600V CAT II 300V CAT III			
DC vertical gain accuracy	5mV/div~50V/div,±2%			
Horizontal system				
Timebase	4ns/div~10s/div			
Timebase delay range	-12divs~50s			
Timebase accuracy	20ppm			
Sample mode	Normal,average, pk-pk,envelope			
Dynamic record	-(can be upgraded)			
Store waveform	4 sets (can be upgraded to flash disk storage)			
Trigger system				
Trigger types	Edge, pulse, logic, serial bus(UART,LIN,CAN,SPI,I2C)			
Trigger coupling	DC,AC,High-frequency suppression,Low-frequency suppression, Noise suppression			
Trigger modes	Auto, normal, single			
Inhibition range	200ns-10s			
Math	+, -, *, /, FFT			
Multimeter				
Measurement types	10 physical measurements ,such as voltage, current, resistance, capacitance, diode , etc			
Measurement accuracy	4 bits			
Measurement display	Max, average, min, values with time stamp,relative measurement			
Other information				
Interface	USB HOST , USB SLAVE (Connect to PC)			
Power adapter	Input:100-240VAC, 50-60Hz, Output:12VDC,5A			
Battery	Capacity 7.4V/6000mAh, work time:4~5 hours			
Temperature/Humidity	-20°C~+50°C,<85%RH			
Size	254mmx160mmx60mm			
Weight	Main unit: 1380g,accessories: 691g,battery:276g			

Standard Accessories

Items	Description	Items	Description
	300MHz, 10X probe		Power adapter: Input:100-240VAC, 50-60Hz, Output:12VDC,5A
	Multimeter table pen line		USB cable : Mini USB2.0
	7.4V/6000mAh lithium battery		Basic ScopeSuite Software

Optional Accessories

Items	Model No.	Description
	MS-UM-A002	Full Function Scopesuite Software
	MS-HB-S001	Dimension : 300mmX410mmX130mm
	MS-SC-S001	WR-16 ABS anti-pressure seal suitcase
	MS-BA-S900	7.4V/9000mAh Li-ion battery
	MS-PR-2010	1GHz Active probe
	MS-G105	DC: ~ 50MHz
	MS-G110	DC: ~ 100MHz
	MS-V502	AC/DC 200A/20A
	MS-V601	AC/DC 600A
	MS-V701	AC/DC 400mA-4A-30A
	MS-UART	Support UART/RS232/RS422/RS485, Graphic and Text display
	MS-LIN	Support LIN, Graphic and Text display
	MS-CAN	Support CAN, Graphic and Text display
	MS-SPI	Support SPI, Graphic and Text display
	MS-I2C	Support I2C, Graphic and Text display