



Superior Performance, Advanced Debug Tools

- **MAUI - Advanced User Interface**
 - Designed for Touch
 - Built for Simplicity
 - Made to Solve
- **Uncompromised Performance**
 - 1 GHz Bandwidth
 - 10 GS/s Sample Rate
 - up to 16 Mpts/ch Memory
- **WaveScan** - quickly search analog or digital waveforms for runts, glitches or other anomalies
- **Embedded System Test Tools** - powerful MSO capabilities plus a wide range of serial data trigger and decode capabilities
- **LabNotebook** - quickly save all results plus flashback to previous tests and create custom reports.
- **Advanced Debug Toolkit** - standard on WaveSurfer 10M, the ADT option adds 10 GS/s sample rate on 4 channels, 32 Mpts of memory, sequence mode, history mode, 13 additional math functions, and 2 simultaneous math traces.



A New Wave of Thinking

Key Specifications	
Bandwidth	1 GHz
Channels	4 or 4 + 18
Sample Rate	up to 10 GS/s
Standard Memory	WaveSurfer 10: 10 Mpts/Ch, 20 Mpts interleaved WaveSurfer 10M: 16 Mpts/Ch, 32 Mpts interleaved
Display	10.4" Touch Screen
Connectivity	USB, LAN, GPIB

For more information, please contact:



WaveSurfer 10 Oscilloscopes

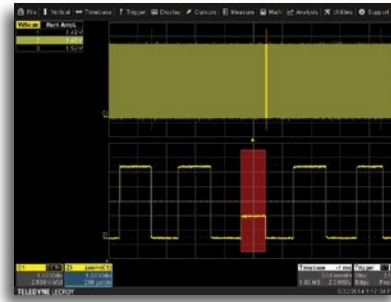
1 GHz, 10 GS/s



The advanced debug toolkit turns the WaveSurfer 10 into an unparalleled analysis and debug machine.



Add the MS-250 to the WaveSurfer 10 to view and measure analog, digital and serial data signals in one place.



Use WaveScan to search for and identify anomalies on analog or digital signals.



Ordering Information

Model	Bandwidth	Channels	Memory (per Ch / interleaved)	Sample Rate (per Ch / interleaved)
WaveSurfer 10	1 GHz	4 / 4+18	10 Mpts / 20 Mpts	5 GS/s / 10 GS/s
WaveSurfer 10M	1 GHz	4 / 4+18	16 Mpts / 32 Mpts	10 GS/s / 10 GS/s

Available Probes		High-Voltage	
Single-Ended		High-Voltage	
ZS1000	1 GHz, 0.9 pF, 1 MΩ High Impedance Active Probe	PPE1.2KV	10:1/100:1 200/300 MHz 50 MΩ High-Voltage Probe 600V/1.2kV Max. Volt. DC
ZS1500	1.5 GHz, 0.9 pF, 1 MΩ High Impedance Active Probe	PPE2KV	100:1 400 MHz 50 MΩ 2 kV High-Voltage Probe
Differential		PPE4KV	100:1 400 MHz 50 MΩ 4kV High-Voltage Probe
AP031	700 V, 15 MHz High-Voltage Differential Probe	PPE5KV	1000:1 400 MHz 50 MΩ 5 kV High-Voltage Probe
HVD3102	1,500 V, 25 MHz High-Voltage Differential Probe	PPE6KV	1000:1 400 MHz 50 MΩ 6 kV High-Voltage Probe
HVD3106-6M	1,500 V, 80 MHz High-Voltage Differential Probe with 6m cable	Current	
HVD3106	1,500 V, 120 MHz High-Voltage Differential Probe	CP030	30 A; 50 MHz High Sensitivity Current Probe – AC/DC; 30 A _{rms} ; 50 A _{peak} Pulse
ZD200	200 MHz Active Differential Probe	CP030A	30 A; 50 MHz Current Probe – AC/DC; 30 A _{rms} ; 50 A _{peak} Pulse
ZD500	500 MHz Active Differential Probe	CP031	30 A; 100 MHz High Sensitivity Current Probe – AC/DC; 30 A _{rms} ; 50 A _{peak} Pulse
ZD1000	1 GHz Active Differential Probe	CP031A	30 A; 100 MHz Current Probe – AC/DC; 30 A _{rms} ; 50 A _{peak} Pulse
Differential Amplifiers		CP150	150 A; 10 MHz Current Probe – AC/DC; 150 A _{rms} ; 50 A _{peak} Pulse
DA1855A	1 Ch, 100 MHz Differential Amplifier	CP500	500 A; 2 MHz Current Probe – AC/DC; 500 A _{rms} ; 700 A _{peak} Pulse
DXC100A	100:1 or 10:1 Selectable, 250 MHz Passive Differential Probe Pair		

Excellent Performance

- 1 GHz bandwidth
- Up to 10 GS/s maximum sample rate
- Up to 16 Mpts/ch

Rich Feature Set

- MAUI - Advanced User Interface
- 10.4" Touch Screen Display
- LabNotebook Documentation and Report Generation
- WaveScan search and find

Wide Range of Serial Data Tools

- I²C, SPI, UART
- CAN, LIN, FlexRay™, SENT
- 10/100Base T ENET
- USB 1.0/1.1/2.0, USB 2.0 HSIC
- Audio (I²S, LJ, RJ, TDM)
- MIL-STD-1553, ARINC 429
- MIPI D-PHY, DigRF 3G, DigRF v4
- Manchester, NRZ