



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
 - 10 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** - 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

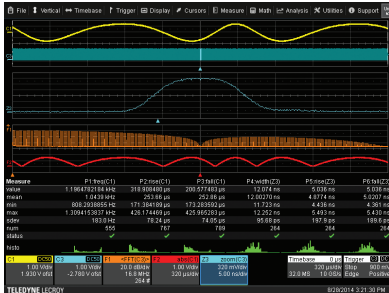
Key Specifications	
Bandwidth	1 GHz
Channels	4 or 4 + 18
Sample Rate	up to 10 GS/s
Standard Memory	10 Mpts/Ch, 20 Mpts interleaved
Max Memory	16 Mpts/Ch, 32 Mpts interleaved
Display	10.4" Touch Screen
Connectivity	USB, LAN, GPIB

For more information, please contact:

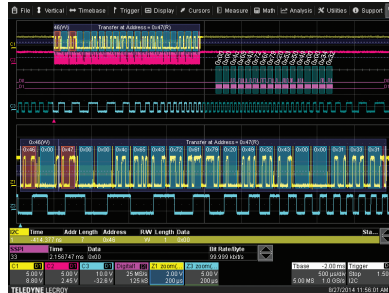


WaveSurfer 10 Oscilloscopes

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 10 with WS10-ADT Option	1 GHz	4 / 4+18	16 Mpts / 32 Mpts	10 GS/s / 10 GS/s

Available Probes

Single-Ended

- ZS1000** 1 GHz, 0.9 pF, 1 MΩ High Impedance Active Probe
- ZS1500** 1.5 GHz, 0.9 pF, 1 MΩ High Impedance Active Probe

Differential

- AP031** 700 V, 15 MHz High-Voltage Differential Probe
- HVD3102** 1,500 V, 25 MHz High-Voltage Differential Probe
- HVD3106** 1,500 V, 120 MHz High-Voltage Differential Probe
- ZD200** 200 MHz Active Differential Probe
- ZD500** 500 MHz Active Differential Probe
- ZD1000** 1 GHz Active Differential Probe

Differential Amplifiers

- DA1855A** 1 Ch, 100 MHz Differential Amplifier
- DXC100A** 100:1 or 10:1 Selectable, 250 MHz Passive Differential Probe Pair

High-Voltage

- PPE1.2KV** 10:1/100:1 200/300 MHz 50 MΩ High-Voltage Probe 600V/1.2kV Max. Volt. DC
- PPE2KV** 100:1 400 MHz 50 MΩ 2 kV High-Voltage Probe
- PPE4KV** 100:1 400 MHz 50 MΩ 4kV High-Voltage Probe
- PPE5KV** 1000:1 400 MHz 50 MΩ 5 kV High-Voltage Probe
- PPE6KV** 1000:1 400 MHz 50 MΩ 6 kV High-Voltage Probe

Current

- CP030** 30 A; 50 MHz Current Probe – AC/DC; 30 A_{rms}; 50 A_{peak} Pulse
- CP031** 30 A; 100 MHz Current Probe – AC/DC; 30 A_{rms}; 50 A_{peak} Pulse
- CP150** 150 A; 10 MHz Current Probe – AC/DC; 150 A_{rms}; 50 A_{peak} Pulse
- CP500** 500 A; 2 MHz Current Probe – AC/DC; 500 A_{rms}; 700 A_{peak} Pulse

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