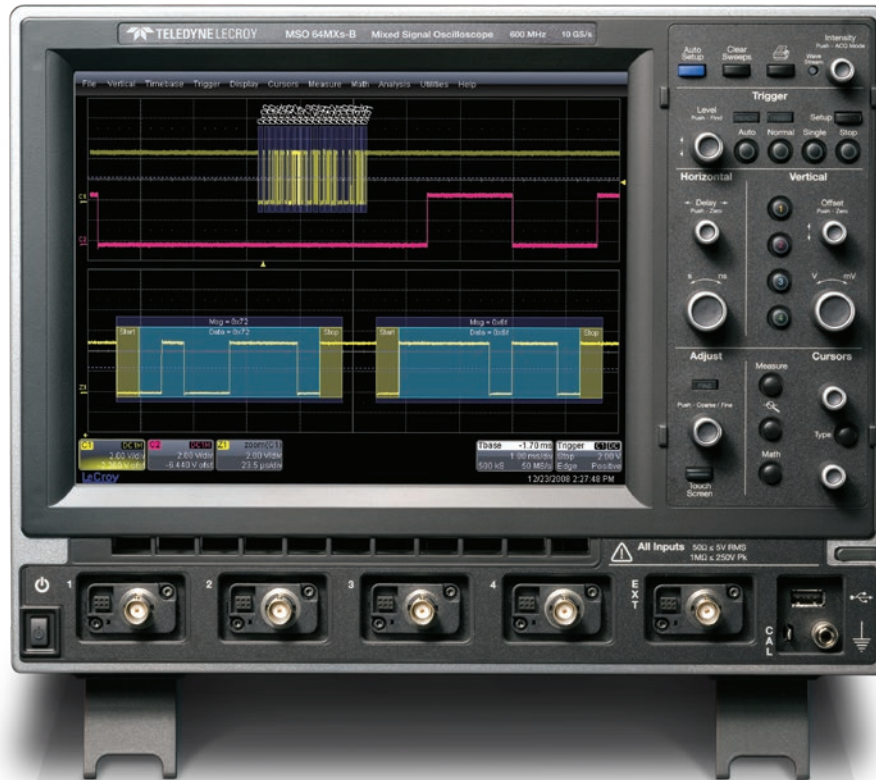


## Engineered for Efficient Design and Debug

### 200 MHz – 1 GHz



#### Key Specifications

<b>Bandwidth</b>	200 MHz, 400 MHz, 600 MHz, 1 GHz
<b>Channels</b>	4 or 4 + 18
<b>Memory</b>	16 Mpts/Ch, 32 Mpts interleaved
<b>Sample Rate</b>	up to 10 GS/s
<b>Connectivity</b>	USB, LAN, GPIB

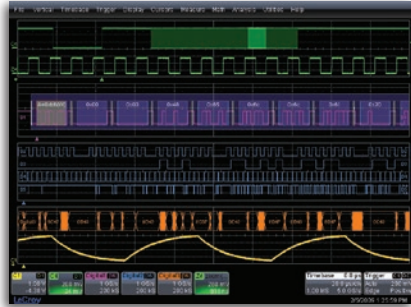
- **Speed and Performance** – 10 GS/s and 32 Mpts with a responsive user interface and fast updating math and measurement tools
- **WaveScan** – quickly search analog or digital waveforms for runts, glitches or other anomalies
- **Touch Screen** – easily configure Channels, time base, trigger and all functions with the intuitive, efficient touch screen interface
- **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

For more information, please contact:

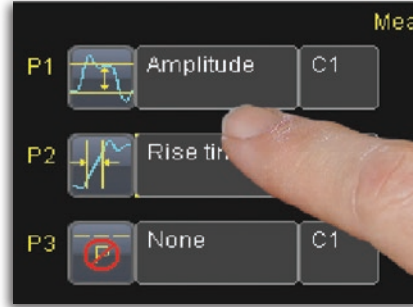




Use WaveScan to search for and identify anomalies on analog or digital signals.



View and measure analog, digital and serial data signals in one place.



Easily control all aspects of the WaveSurfer with the intuitive touch screen interface.



## Ordering Information

Model	Bandwidth	Channels	Memory (Per Ch/Interleaved)	Sample Rate (Per Ch / Interleaved)
WaveSurfer 24MXs-B	200 MHz	4	16 Mpts / 32 Mpts	2.5 GS/s
WaveSurfer 44MXs-B	400 MHz	4	16 Mpts / 32 Mpts	5 GS/s
MSO 44MXs-B	400 MHz	4 + 18	16 Mpts / 32 Mpts	5 GS/s
WaveSurfer 64MXs-B	600 MHz	4	16 Mpts / 32 Mpts	5 GS/s / 10 GS/s
MSO 64MXs-B	600 MHz	4 + 18	16 Mpts / 32 Mpts	5 GS/s / 10 GS/s
WaveSurfer 104MXs-B	1 GHz	4	16 Mpts / 32 Mpts	5 GS/s / 10 GS/s
MSO 104MXs-B	1 GHz	4 + 18	16 Mpts / 32 Mpts	5 GS/s / 10 GS/s

### Available Probes

#### Single-Ended

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

#### Differential

**ADP300** 1,400 V, 20 MHz High-Voltage Differential Probe  
**ADP305** 1,400 V, 100 MHz High-Voltage Differential Probe  
**ZD200** 200 MHz Active Differential Probe  
**ZD500** 500 MHz Active Differential Probe  
**ZD1000** 1 GHz Active Differential Probe  
**ZD1500** 1.5 GHz Active Differential Probe

#### Differential Amplifiers

**DA1855A** 1 Ch, 100 MHz Differential Amplifier

#### 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

**AP015** 30 A; 50 MHz Current Probe – AC/DC; 30 A<sub>rms</sub>; 50 A<sub>peak</sub> Pulse  
**CP030** 30 A; 50 MHz Current Probe – AC/DC; 30 A<sub>rms</sub>; 50 A<sub>peak</sub> Pulse  
**CP031** 30 A; 100 MHz Current Probe – AC/DC; 30 A<sub>rms</sub>; 50 A<sub>peak</sub> Pulse  
**CP150** 150 A; 10 MHz Current Probe – AC/DC; 150 A<sub>rms</sub>; 50 A<sub>peak</sub> Pulse  
**CP500** 500 A; 2 MHz Current Probe – AC/DC; 500 A<sub>rms</sub>; 700 A<sub>peak</sub> Pulse

## Excellent Performance

- 200 MHz, 400 MHz, 600 MHz and 1 GHz bandwidths
- 10 GS/s maximum sample rate
- 16 Mpts/Ch, 32 Mpts interleaved

## Rich Feature Set

- WaveStream™ fast update mode
- WaveScan™ search and find
- LabNotebook™ documentation and report generator

## Wide Range of Serial Data Tools

- I<sup>2</sup>C, SPI, UART
- CAN, LIN, FlexRay™, SENT
- 10/100Base T ENET, USB 1.0/1.1/2.0, USB 2.0 HSIC
- Audio (I<sup>2</sup>S, LJ, RJ, TDM)
- MIL-STD-1553, ARINC 429
- MIPI D-PHY, DigRF 3G, DigRF v4
- Manchester, NRZ