

T3DSO2000A Fact Sheet

Oscilloscopes

Debug with Confidence

100 MHz – 500 MHz



Key Specifications

Bandwidth	100 MHz, 200 MHz, 350 MHz, 500 MHz
Channels	2 or 4, 50 Ohm / 1 MOhm Input Impedance
Memory	up to 100 Mpts/Ch (200 Mpts interleaved)
Sample Rate	up to 2 GS/s
Display	10.1" Bright TFT LCD (1024 x 600)
Connectivity	USB Host, USB Device, LAN

Tools for Improved Debugging

- Long Capture** – 100 Mpts/Ch and 200 Mpts interleaved.
 - ✓ Capture more time and show more waveform detail.
- Math and Measure** – 9 basic math functions plus FFT and 50+ automatic measurement parameters.
 - ✓ Extract results from waveforms and measurements.
- Low Noise Architecture** – Supports channel sensitivity as low as 500 μ V / Div.
 - ✓ Clearly view small waveforms in detail.
- Bandwidth Models to 500 MHz** – Choice of 100 MHz, 200 MHz, 350 MHz or 500 MHz models.
 - ✓ Choose the bandwidth you need with 2 or 4 channels.
- Waveform Sequence Recorder** – record and play back up to 90,000 waveforms.
 - ✓ Replay the changing waveform history.
- Includes Bode Plot, Power Analysis and common Serial Bus Decoders as standard.**
 - ✓ Wide application coverage as standard.
- Connectivity** – USB for mass storage, printing and PC control, plus LAN for fast data transfer.
 - ✓ Save data for external analysis and screen images for reports.
- 3 Years Warranty as standard.**
 - ✓ Peace of mind.

For more information, please contact:

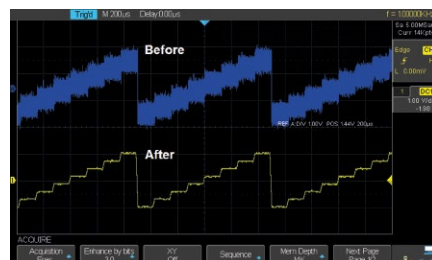


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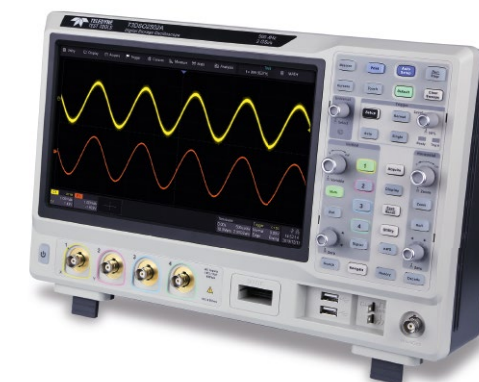
Optional MSO – 16 Digital Channels with colour coded display enables users to more intuitively debug mixed signal applications.



Enhanced Resolution (Eres) mode can improve the SNR without needing a repetitive waveform. Extra resolution bits can be added 0.5 bits at a time up to +3 bits.



Includes Serial Bus Trigger and Decode – I²C, SPI, UART, CAN, LIN.



Excellent Performance

- 100, 200, 350 and 500 MHz bandwidths
- 2 GS/s maximum sample rate
- Up to 100 Mpts/Ch memory, 200 Mpts interleaved

Great Connectivity

- USB host port for mass storage, USB device port for printing and PC control
- LAN port on all T3DSO2000A oscilloscopes

Smart Capabilities

- Averaging, Peak Detect, 10 bit and Enhanced Resolution modes
- Bode Plot and Power Analysis included as standard
- Advanced Triggering including Zone triggering
- Measurement Statistics
- Serial Bus Trigger and Decode as standard
- Built-in Function/Arbitrary Waveform Generator
- Optional Built-in 16 Channel MSO

Ordering information

Description	500 MHz, 2 Channel / 350 MHz, 4 Channel, 4 x 500 MHz PP020-1 Passive Probes	T3DSO2502A
	350 MHz, 4 Channels, 4 x 350 MHz T3PP350A Passive Probes	T3DSO2354A
	200 MHz, 4 Channels, 4 x 200 MHz Passive Probes	T3DSO2204A
	100 MHz, 4 Channels, 4 x 100 MHz Passive Probes	T3DSO2104A
Standard Accessories	USB Cable -1	
	Standard Passive Probe appropriate to the oscilloscope bandwidth -4	
	Power Cord -1	
	Quick Start -1	
Optional Accessories	Certificate of Calibration -1	
	16 Digital Channels (Software, requires T3DSO2000-LS)	T3DSO2000A-MSO
	16 Channel Logic Probe, requires T3DSO2000A-MSO	T3DSO2000-LS