

Upgrade from TDS3000 Series to 3 Series MDO

COMPARISON FACT SHEET

More Capability and More Flexibility



3 Series MDO

- ✓ Unique hardware spectrum analyzer
- ✓ Optional integrated logic analyzer channels and function generator
- ✓ Optional serial bus decoding and triggering
- ✓ Upgradeable bandwidth and options

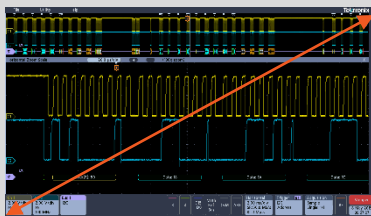


TDS3000 Series

- ✗ FFT only
- ✗ No digital channels
- ✗ No serial decode
- ✗ Fixed bandwidth

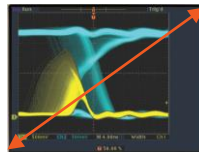
Significantly More Waveform Viewing Area

3 Series MDO



11.6"
HD 1920 x 1080

TDS3000 Series



6.5"
VGA 640 x 480

Next-Generation User Interface

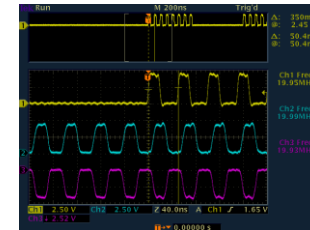
3 Series MDO

- Pinch, swipe, tap capacitive touchscreen
- Change position or scale by pinching or dragging, or with knobs
- To change settings, just double tap the readout



TDS3000 Series

- Front panel buttons with bottom- and side-bezel buttons
- Change position or scale with knobs
- To change settings, press the front-panel button. Use bezel buttons to change settings



Contact Tek to learn about free command compatibility software to assist with test system migration

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Key Specifications Comparison

	Tektronix 3 Series MDO	Tektronix TDS3000 Series
Channels	2 or 4	
Bandwidth	100, 200, 350, 500 MHz or 1 GHz, upgradable	100, 200, 350, 500 MHz
Max. Analog Channel Sample Rate	2.5 GS/s (4 channels on); 5 GS/s (2 channels on)	1.25 GS/s - 5 GS/s
Max. Record Length	10 M	10 k
Waveform Update Rate	>235,000 waveforms/sec	3,600 waveforms/sec update rate
Digital Channels	16 (optional)	Not available
Integrated Spectrum Analyzer	RF hardware based 9 KHz to 1 GHz (standard), 3 GHz (optional)	Not available
Integrated Arbitrary Waveform Generator	50 MHz (optional)	Not available
Serial Trigger and Analysis	Optional: I2C, SPI, RS232/422/485/UART CAN, CAN-FD, LIN, FlexRay, MIL-STD-1553, I2S/LJ/RJ/TDM, USB	Not available
Display Size	11.6-inch	6.5-inch
Display Resolution	HD 1920 x 1080	VGA 800 x 480
I/O Ports	USB 2.0: 3 host ports + 1 device port LAN HDMI Video	USB 2.0: 2 host ports + 1 device port LAN VGA Video
Battery Operation	Not available	Optional