



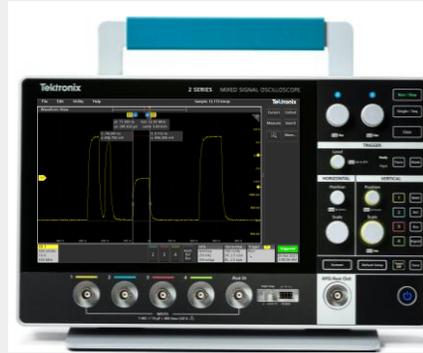
# 2 Series MSO vs. Yokogawa DLM3000

## COMPETITIVE FACT SHEET

### Visualization & Usability

#### Tektronix 2 Series MSO

- ✓ 10.1-inch WXGA (1280 x 800) resolution display with touchscreen
- ✓ Touchscreen capabilities with intuitive control commands
- ✓ Ability to view multiple waveform slices in stacked mode
- ✓ Common user interface across the scope family



#### Yokogawa DLM3000

- ✗ 8.4-inch 1024 x 768 resolution display with touchscreen
- ✓ Touchscreen capabilities
- ✗ Waveform view is limited to one display window
- ✗ Different user interfaces between scope and offline SW



### Portability & Physical Characteristics

#### Tektronix 2 Series MSO

- ✓ **Battery:** Optional battery pack can power the instrument for up to 8 hours
- ✓ **Weight:** 4 lbs standalone and 8 lbs total with battery pack and two batteries
- ✓ **Footprint:** 8.26" x 13.54" x 1.59" (H x W x D) dimensions allows for more desk space
- ✓ **Flexibility:** VESA Mount allows for the scope to be positioned in many ways
- ✓ **Operating Temperature :** 0 °C to 50 °C

#### Yokogawa DLM3000

- ✗ **Battery:** There is no battery support
- ✗ **Weight:** 9.9 lbs is heavier than the 2 Series MSO without the battery pack
- ✗ **Footprint:** 11.5" x 9.9" x 7.6" (H x W x D) dimensions takes up more space, non-traditional form factor and layout
- ✗ **Flexibility:** No VESA Mount
- ✗ **Operating Temperature :** 5 °C to 40 °C

### Key Specifications Comparison

	Tektronix 2 Series MSO		Yokogawa DLM3000	
Analog Channels	✓	2, 4	✓	2, 4
Digital Channels	✓	16 (with option 2-MSO)	✗	8
Bandwidth	✓	70, 100, 200, 350, 500 MHz	✗	200, 350, 500 MHz
Max. Sample Rate	✓	1.25 GS/s (all channels on) 2.5 GS/s (half channels on)	✓	2.5 GS/s (all channels on)
Max. Record Length (All channels on)	✗	10 M points	✓	12.5/25/50 M points
Maximum Input Voltage	✓	CATII 300 Vrms	✗	300 Vrms
Standard Trigger Types	✗	Edge, Pulse Width, Runt, Timeout, Logic, Setup & Hold, Rise/Fall Time, Parallel Bus	✓	Edge, Pulse Width, Timeout, Runt, Rise/Fall, Interval, Window, Video, Pattern, Serial
Arbitrary Function Generator (AFG)	✓	1-channel, 50 MHz	✗	No
Digital Pattern Generator (DPG)	✓	4 channels, 4k memory length, up to 25Mbps	✗	No





# 2 Series MSO vs. Yokogawa DLM3000

## COMPETITIVE FACT SHEET

### Productivity

#### Tektronix 2 Series MSO

- ✓ **Help:** Shows graphical images and explanatory text to provide quick feature overviews. Application notes and more information available on website
- ✓ **Feature Control:** Allows disabling of autoset, cursors, and automated measurements
- ✓ **Front Panel:** Simplified front panel with LED color coded ring lights
- ✓ **Highly Customizable Software:** Change font sizes, colors, autoset, window sizes, and much more
- ✓ **PC Analysis:** Perform advanced analysis using TekScope™, with same UI as 2 Series



#### Yokogawa DLM3000

- ✗ Built in help available
- ✗ No feature control options available
- ✗ Complicated front panel with extraneous buttons and no color-coded lights
- ✗ Ability to customize language, only customizable option
- ✓ Comprehensive software to perform advanced analysis on PC



### Measurement

#### Tektronix 2 Series MSO

- ✓ Display unlimited measurements either as measurement badge or collectively in a results table
- ✓ One set of cursors per display, can be enabled in any window simultaneously
- ✗ Perform serial protocol triggering and analysis on the most common buses (requires 2-SERIAL)
- ✓ Unlimited math waveforms and reference signals
- ✓ Gate both measurements and FFTs
- ✓ 37 automatic measurements
- ✓ Frequency Response Analysis (Bode plot, requires 2-SOURCE)

#### Yokogawa DLM3000

- ✓ Maximum of 30 active measurements at once, includes trends and histograms and power
- ✗ One set of XY cursors available
- ✓ Perform serial protocol triggering and analysis (more buses)
- ✗ Up to 4 math waveforms and up to 4 reference signals
- ✗ Measurement gating available
- ✗ 24 automatic measurements
- ✗ No Bode plot

### Connectivity

#### Tektronix 2 Series MSO

- ✗ Two USB 2.0 HOST ports
- ✓ One USB DEVICE port
- ✓ Ethernet port for network connectivity
- ✓ TekDrive™ is natively integrated as a T&M collaborative data workspace that allows for seamless data access anywhere and much more



#### Yokogawa DLM3000

- ✓ Three USB 2.0 HOST port
- ✓ One USB 3.0 DEVICE port
- ✓ Ethernet port
- ✗ Remote control and offline analysis is supported on PC

