



3 Series MDO vs. Yokogawa DLM3000

COMPETITIVE FACT SHEET

Key Features

Tektronix 3 Series MDO

- ✓ 11.6-inch (1920 x 1080) resolution touchscreen display with intuitive control commands
- ✓ Up to 1 GHz BW; up to 5 GS/s sample rate
- ✓ Landscape layout; rack mountable
- ✓ Wide selection of supported probes



Yokogawa DLM3000

- ✗ 8.4-inch XGA 1024 X 768 resolution display with touchscreen
- ✗ Up to 500 MHz BW; up to 2.5 GS/s sample rate
- ✓✗ Portrait form factor: smaller bench footprint; challenging for rack mount
- ✗ Limited probe support



Functionality and Usability

Tektronix 3 Series MDO

- ✓ Larger touchscreen
- ✓ Built-in spectrum analyzer
- ✗ Network storage, limited local storage
- ✓ 16 digital channels
- ✓ Built in 50 MHz AFG

Yokogawa DLM3000

- ✗ Small touchscreen
- ✗ FFT only
- ✓ Optional internal 60 GB SSD
- ✗ 8 digital channels
- ✗ No AFG

Key Specifications Comparison

	Tektronix 3 Series MDO		Yokogawa DLM3000	
Analog Channels	✓	2, 4	✓	2, 4
Digital Channels	✓	16 (with option SUP3 MSO)	✗	8 (N/A on 2 channel models)
Bandwidth	✓	100, 200, 350, 500, 1000 MHz	✗	200, 350, 500 MHz
Max. Sample Rate	✓	2.5 GS/s (all channels on) 5 GS/s (half channels on)	✓	2.5 GS/s (all channels on)
Max. Record Length (All channels on)	✗	10 M points	✓	12.5 M points, up to 125 M points single channel
Connectivity	✗	Ethernet, USB	✓	Ethernet, USB, GP-IB
Standard Trigger Types	✗	Edge, Pulse Width, Runt, Timeout, Logic, Setup & Hold, Rise/Fall Time, Parallel Bus	✓	Edge, Edge OR, Pulse Width, Timeout, Pattern, Runt, Rise/Fall Time, Interval, Window, Window OR, TV, Serial Bus
Arbitrary Function Generator (AFG)	✓	1-channel, 50 MHz	✗	N/A

