

Tektronix MSO4000 Series vs. Yokogawa DL7400 Series

Side-by-Side Product Comparison

Product Size Comparison

- ✓ Tektronix MSO4000
5.4 in. (137 mm) Depth



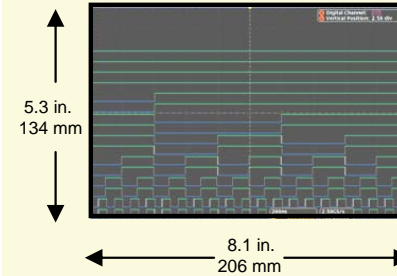
- ✗ Yokogawa DL7400
14 in. (355 mm) Depth



Waveform Display Area Comparison

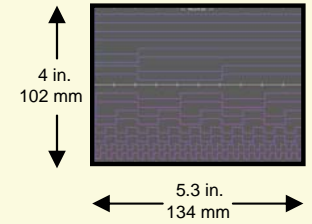
- ✓ Tektronix MSO4000

10.4 in. (264 mm) XGA Display



- ✗ Yokogawa DL7400

8.4 in. (213 mm) XGA Display



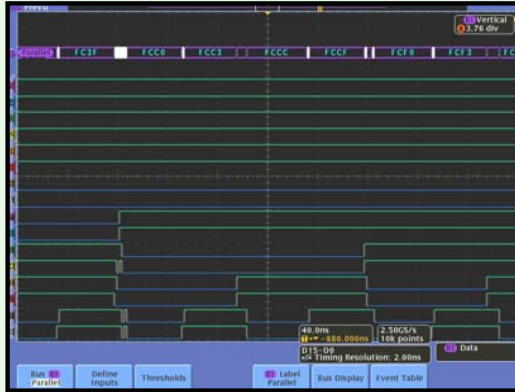
Key MSO Specification Comparison

	Tektronix MSO4000	Yokogawa DL7400
Digital Channels	✓ 16	✓ 16
Max. Digital Channel Record Length	✓ 10 Mpts	✗ 2 Mpts (DL7440) 8 Mpts (DL7480) (all channels on)
Digital Channel Timing Resolution	✓ 60.6 ps	✗ 1 ns (all channels)
Minimum Detectable Pulse Width	✓ 1.5 ns	✗ 2 ns
Maximum Input Toggle Rate	✓ 350 MHz	✗ 250 MHz
Threshold Settings	✓ Per digital channel	✗ For each group of 8 channels
Setup & Hold Triggering	✓ Across all analog & digital channels	✗ Not available

Tektronix MSO4000 Series vs. Yokogawa DL7400 Series

Decoded Bus Displays

✓ Tektronix MSO4000 Series



✗ Yokogawa DL7400

- ✗ No parallel bus display
- ✗ No decoded bus display of I²C, SPI, CAN serial data



Event Table Display of Parallel Data

✓ Tektronix MSO4000 Series



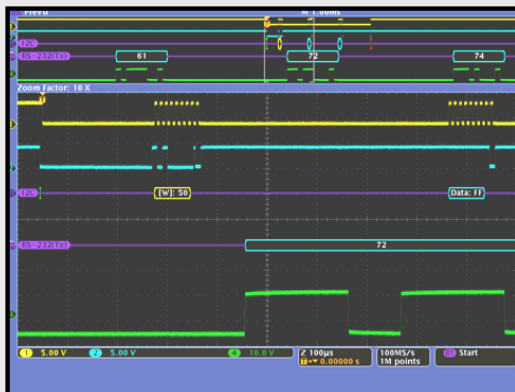
✗ Yokogawa DL7400

- ✗ No table display of decoded parallel data
- ✗ No export of decoded parallel data values



Mixed Signal Triggering

✓ Tektronix MSO4000 Series



✗ Yokogawa DL7400

- ✗ Pattern triggering limited to analog channels
- ✗ Logic triggering limited to digital channels



Searching on Parallel Data

✓ Tektronix MSO4000 Series



✗ Yokogawa DL7400

- ✗ Searching limited to analog channels

