

Tektronix MSO4000 Series vs. Agilent MSO6000A Series

Side-by-Side Product Comparison

Product Size Comparison

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

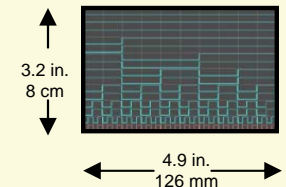
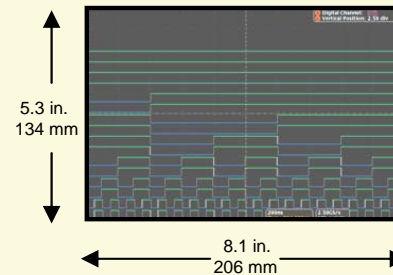


- ✗ Agilent MSO6000A
11.1 in. (282 mm) Depth



Waveform Display Area Comparison

- ✓ Tektronix MSO4000
10.4 in. (264 mm) XGA Display
- ✗ Agilent MSO6000A
6.4 in. (163 mm) XGA Display



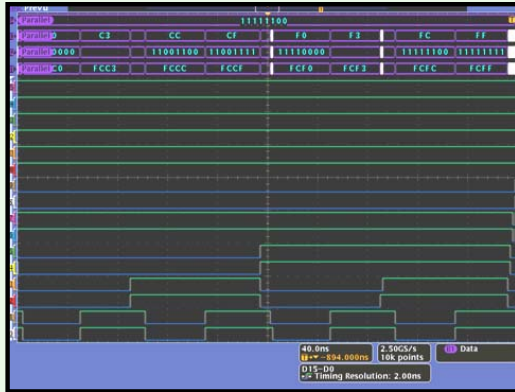
Key MSO Specification Comparison

	Tektronix MSO4000	Agilent MSO6000A
Digital Channels	✓ 16	✓ 16
Max. Digital Channel Record Length	✓ 10 Mpts	✗ 1.25 Mpts (all channels on)
Digital Channel Timing Resolution	✓ 60.6 ps	✗ 500 ps
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. Agilent MSO6000A Series

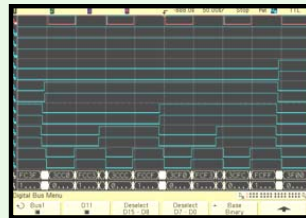
Decoded Parallel Bus Displays

✓ Tektronix MSO4000 Series



✗ Agilent MSO6000A

- ✗ Only 2 parallel buses
- ✗ Buses can not be moved
- ✗ Channels overlaid when bus displayed



Event Table Display of Decoded Data

✓ Tektronix MSO4000 Series



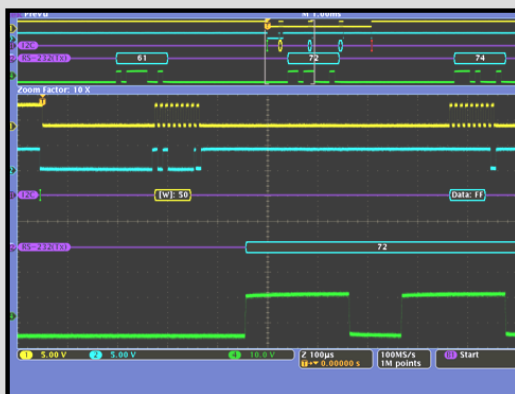
✗ Agilent MSO6000A

- ✗ No table display of decoded parallel data
- ✗ No table display of decoded serial data

✗ NONE

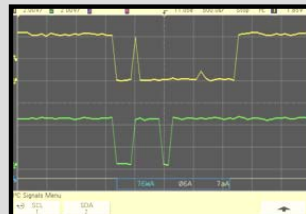
Decoded Serial Bus Displays

✓ Tektronix MSO4000 Series



✗ Agilent MSO6000A

- ✗ Sometimes confusing, uncorrelated display
- ✗ Limited to 1 bus at a time
- ✗ Bus display can not be positioned



Searching on Parallel Data

✓ Tektronix MSO4000 Series



✗ Agilent MSO6000A

- ✗ Searching limited to manually scrolling through acquisition with horizontal position knob

✗ Limited