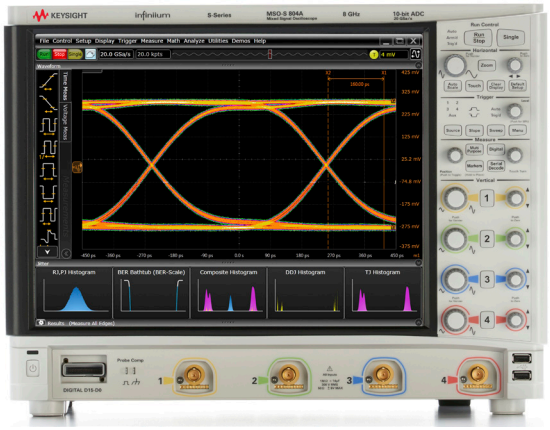
Keysight Competitive Comparison

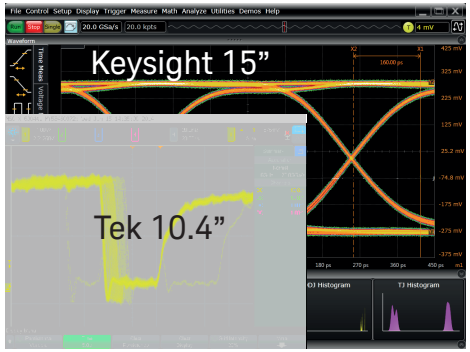
Keysight S-Series versus Danaher-Tektronix DPO/MSO/MDO4000B

Keysight S-Series



Danaher-Tektronix DPO/MSO/MDO4000B Series

The Keysight Technologies, Inc. S-Series oscilloscopes provide bandwidths up to 8 GHz with class-leading signal integrity and analysis. Custom ASICs, including the industry's first 40 GSa/s, 10-bit ADC, allow you to see your real signal. Class-leading deep memory and a large suite of analysis tools complement a designed-for-touch user interface and the industry's first 15" multi-touch capacitive display.



A 15” multi-touch capacitive touch-screen display offers 2x more viewing area and much greater sensitivity to user inputs.

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	Tektronix DPO/MSO/MDO4000		Keysight S-Series	
Bandwidth	Up to 1 GHz	X	Up to 8 GHz	√
Upgradable bandwidth	No	X	Yes – license key	√
Max sample rate	5 GSa/s	X	20 GSa/s	√
Standard memory depth	20 Mpts	X	50 Mpts	√
Max memory depth	20 Mpts	X	800 Mpts	√
ADC bits	8 bits	X	10 bits	√
Noise at 5 mV/div 1 GHz to 50 Ohms	375 uV RMS	X	94 uV RMS	√
Bandwidth filters	Up to 2 analog	X	Analog and DSP	√
Waveform update rate	Up to 55,000 wfms/s	√	Up to 2,000 wfms/s	X
Display	10.4" no touch	X	15" capacitive multi-touch	√
Upgradable MSO	No	X	Yes	√
Offline analysis software	No	X	Yes	√
Standard passive probe	500 MHz or 1 GHz	√	500 MHz	X
Spectral viewer with up to 8 gated FFTs	No	X	Yes	√

KEYSIGHT TECHNOLOGIES
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This information is subject to change without notice.
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