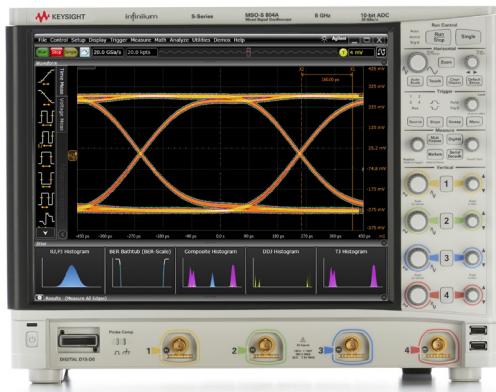


Keysight Competitive Comparison

Keysight S-Series versus Teledyne-LeCroy HD04000/6000

Keysight S-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.

Teledyne-LeCroy HD04000/6000



A 15" multi-touch capacitive display offers significantly more viewing area and much greater sensitivity to user inputs.

	LeCroy HDO4000/6000	Keysight S-Series
Bandwidth	Up to 1 GHz	X Up to 8 GHz ✓
Upgradable bandwidth	No	X Yes – license key ✓
Max sampling rate	2.5 GSa/s	X 20 GSa/s ✓
Standard memory depth (4 ch)	50 Mpts	✓ 50 Mpts ✓
Max memory depth (2 ch)	250 Mpts	X 800 Mpts ✓
ADC bits	12 bits	✓ 10 bits X
Noise at 1 mV/div 1 GHz to 50 Ω	151 uV RMS	X 90 uV RMS ✓
Display	12.1" resistive touch	X 15" capacitive multi-touch ✓
Knob per vertical channel	No – muxed	X Yes ✓
Offline analysis software	No	X Yes ✓
Math functions	8	X 16 ✓
Timescale accuracy	± 1,500 ppb	X ± 75 ppb ✓
Mean time before failure (typical)	Not specified	X 110,000 hours ✓
BenchVue support	Not available	X Yes ✓