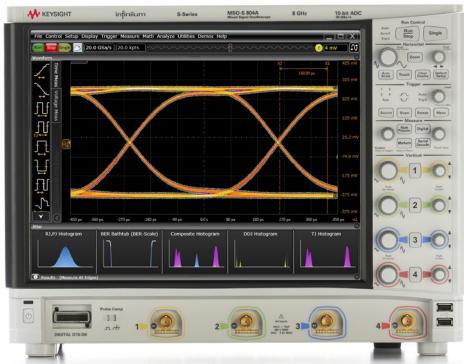


Keysight Competitive Comparison

Keysight S-Series versus Teledyne-LeCroy 6Zi

Keysight S-Series



Teledyne-LeCroy 6Zi Series

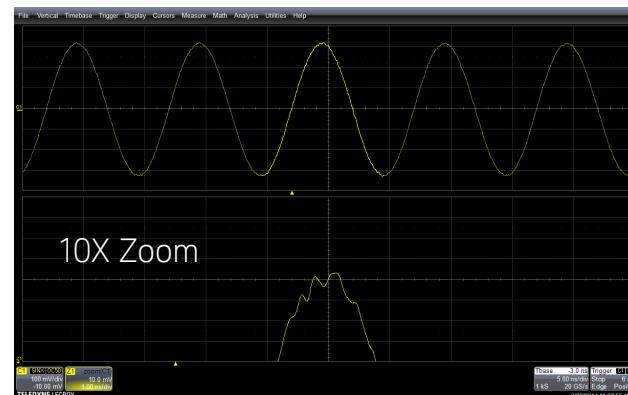


The Keysight Technologies, Inc. S-Series oscilloscopes provide bandwidths up to 8 GHz with class-leading signal integrity and analysis. Custom ASICs, including the industry's first 40 GSa/s, 10-bit ADC, allow you to see your real signal. Class-leading deep memory and a large suite of analysis tools complement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

	LeCroy 6Zi	Keysight S-Series
Bandwidth	Up to 4 GHz	✗ Up to 8 GHz ✓
Upgradable bandwidth	No	✗ Yes – license key ✓
Max sampling rate	40 GSa/s on 2.5/4 GHz 20 GSa/s on 400/600/½ GHz	✓ 20 GSa/s on all models ✗
Standard (4 ch) memory depth	16 Mpts	✗ 50 Mpts ✓
Max memory depth (2 ch)	128 Mpts	✗ 800 Mpts ✓
ADC bits	8 bits	✗ 10 bits ✓
Noise at 5 mV/div 4 GHz to 50 Ohms	400 uV RMS	✗ 173 uV RMS ✓
Display	12.1" resistive touch	✗ 15" capacitive multi-touch ✓
Knob per vertical channel	No – muxed	✗ Yes ✓
Internal drive	HDD	✗ SSD ✓
Offline analysis software	No	✗ Yes ✓
Math functions	8	✗ 16 ✓
Mean Time Before Failure (typical)	Not specified	✗ 110,000 hours ✓
Time scale accuracy	± 1,500 ppb	✗ ± 75 ppb ✓
BenchVue support	Not available	✗ Yes ✓



Keysight DSOS404A (4 GHz)



LeCroy 604Zi (4 GHz)



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