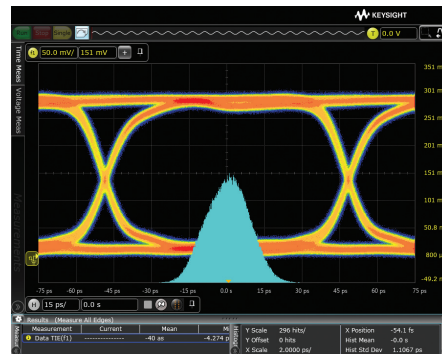


# Keysight Technologies

## Infiniium Z-Series versus Danaher-Tektronix 7000DX Series Oscilloscopes

### Achieve New Extremes

1. The highest measurement accuracy – In side-by-side comparisons, the Z-Series will more closely depict your signal than any other oscilloscope in the industry.
2. The fastest analysis – When you combine 16G RAM and quad core processor with a new user interface, you are able to get your job done faster and better.
3. The widest inputs – The Z-Series is designed for tying oscilloscopes together to achieve more time-aligned channels and further enhance your analysis experience.



	Infiniium Z-Series		Danaher-Tektronix DPO7000DX Series	
2-channel bandwidth	63 GHz	√	33 GHz	X
4-channel bandwidth	33 GHz	√	23 GHz	X
Maximum memory depth	2 Gpts	√	500 Mpts	X
Maximum sample rate	160 GSa/s	√	100 GSa/s	X
Jitter measurement floor	75 fs	√	225 fs	X
Maximum number of functions	16	√	4	X
% noise floor at 800 mV full scale	0.55%	√	0.63%	X

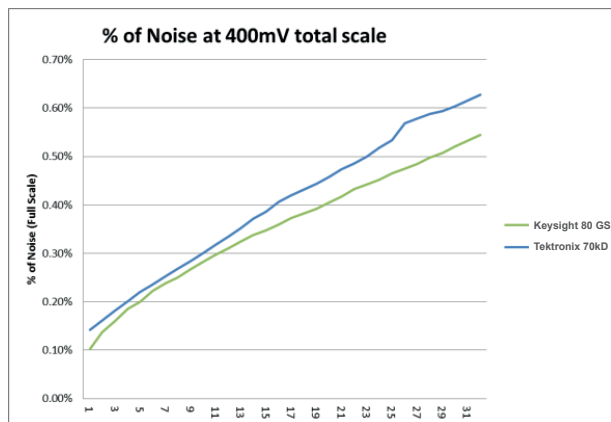
## Achieve New Extremes

At the boundaries of electrical and optical measurements, your oscilloscope should help you explore the “what” and also understand the “why.” That’s why we created the Z-Series. It’s our latest step forward in the application of Keysight Technologies, Inc. industry-leading microwave expertise to real-time oscilloscopes. Even at its widest bandwidths, the Z-Series minimizes instrument effects and lets you see your fastest signals transparently. Equip your lab with the Z-Series – and drive the extremes.

### The highest measurement accuracy

The Z-Series provides up to 63 GHz of oscilloscope bandwidth featuring:

- The industry’s lowest noise floor
- The industry’s lowest jitter measurement floor
- The industry’s most stable time base



### Fast and flexible analysis

The Z-Series features Keysight’s latest user interface with the following advantages over the Tektronix 70000DX:

- More functions
- More grids
- Faster jitter breakdown
- More jitter graphs
- Deeper memory



### The widest inputs

The Z-Series enables new MultiScope software that allows you to combine up to 10 oscilloscopes with low fs inter-scope channel to channel jitter.



#### Three-Year Warranty

[www.keysight.com/find/ThreeYearWarranty](http://www.keysight.com/find/ThreeYearWarranty)  
 Keysight’s commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



#### Keysight Assurance Plans

[www.keysight.com/find/AssurancePlans](http://www.keysight.com/find/AssurancePlans)  
 Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.