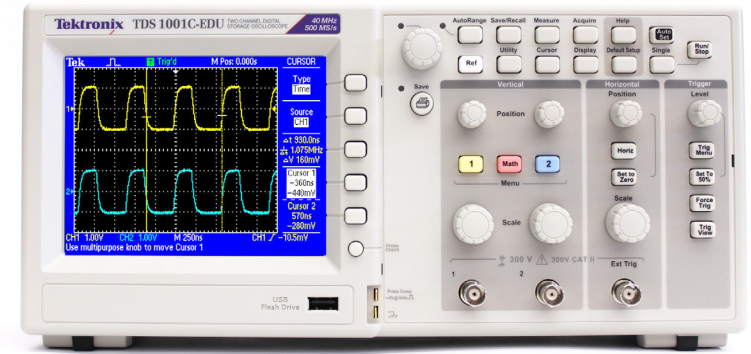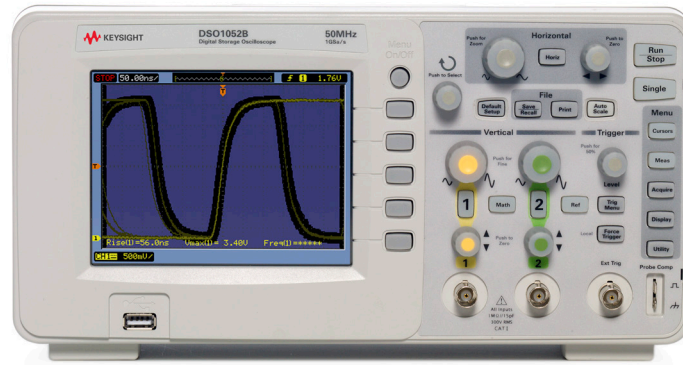# Keysight Technologies

1000B Series versus Danaher Tektronix TBS 1000 Series Oscilloscopes

Competitive Comparison

Keysight 1000 Series

- Engineered to give you more scope than you thought you could afford
- Powerful signal capture and display
- Advanced measurement capability
- Accelerated productivity

The Keysight Technologies, Inc. 1000B Series oscilloscopes deliver the performance and features you expect in a big scope – and the portability and low price you require in a small one.

	Keysight DSO1000B		Tektronix TBS1000	
Bandwidth	50, 70, 100, 150 MHz	√	25, 40, 60, 100, 150 MHz	√
Channel count	2 ch (1000A offers 4 ch)	X	2, 4 ch	√
Max memory depth	16 kpts	√	2.5 kpts	X
Max sample rate	1 GSa/s	√	1 GSa/s	√
Waveform display	Simultaneous view of main and zoomed waveforms	√	Main or zoomed, not both	X
Waveform viewing area	Switch menu off for 25% more viewing area	√	Fixed menus	X
Automatic measurements	23	√	16	X
Sequence mode/segmented memory	Yes	√	No	X
Waveform filters	Yes	√	No	X
Pushable knobs	Yes	√	No	X
Boot-up time	10 seconds	√	30 seconds	X

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Powerful signal capture and display

– A sharp color LCD display that is easy to read even from wide angles
– Up to 16 kpts of acquisition memory, up to six times more memory than other scopes in its class
– 1-GS/s sample rate provides excellent signal detail
– Waveform display allows for simultaneous viewing of main and zoomed waveforms at the same time
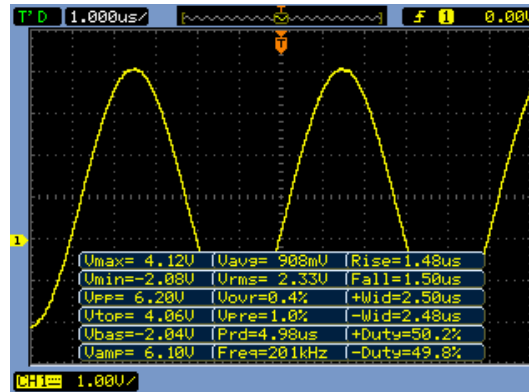– Optionally switch off the menu display for 25% more viewing area

Advanced measurement capability

– 23 automatic measurements
– Waveform math including FFT gives you information instantly
– Standard go/no-go mask testing automatically detects waveforms that deviate from the standard you set
– Sequential acquisition and playback of up to 1000 trigger events
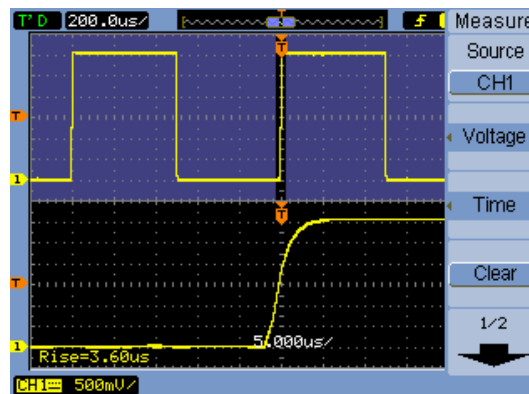– Selectable high pass, low pass, band pass, and band reject digital filters

Accelerated productivity

– Autoscale puts your signals on screen with the touch of a button
– 11-language localization of user interface, front panel controls, and manuals for ease of use
– USB Connectivity (Flash drives and Pictbridge printers)
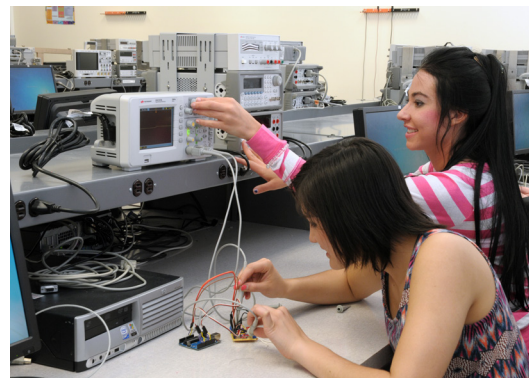– Free education student lab guide and professor slide set to get students up and using oscilloscopes quickly

www.keysight.com/find/1000

23 automatic measurements with ability to display all on screen at one time

Simultaneous view of main and zoomed waveforms

Free education student lab guide and professor slide set to get students up and using oscilloscopes quickly

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