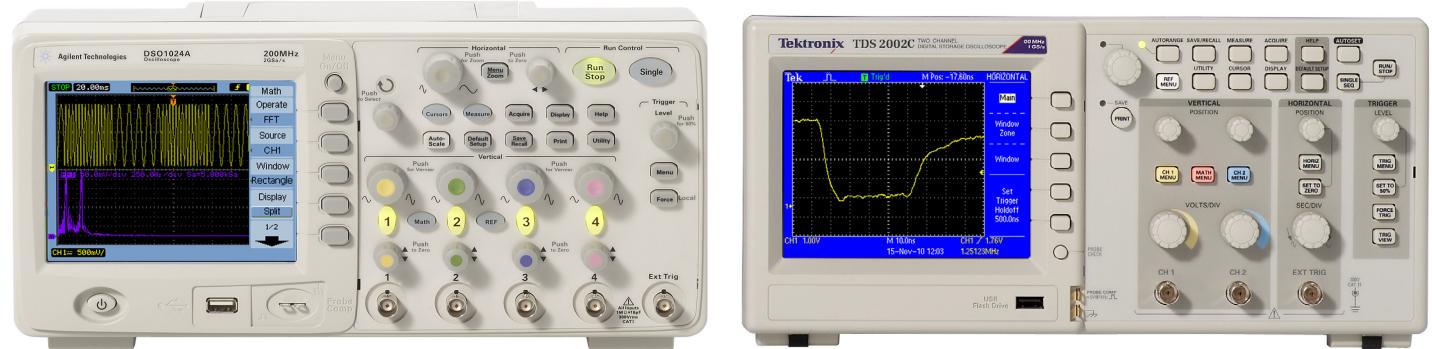


Industry Comparison Guide: Agilent 1000A Series vs. Tektronix TDS2000C Series Oscilloscopes



Agilent's 1000A 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.

Agilent 1000 Series

Engineered to give you more scope than you thought you could afford

- Powerful signal capture and display
- Advanced measurement capability
- Accelerated productivity

	Agilent DSO1000A	Tektronix TDS2000C
Bandwidth	60, 100, 200 MHz	✗ 50, 70, 100, 200 MHz ✓
Memory depth	20 kpts	✓ 2.5 kpts ✗ X
Sample rate	Up to 2 GSa/s	✓ Up to 1 GSa/s ¹ ✗ Up to 2 GSa/s ² ✗ X
Screen	Color, 5.7" QVGA	Color, 5.7" QVGA
Waveform display	Simultaneous viewing 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
Segmented memory	Yes	✓ No ✗ X
Mask testing	Yes	✓ No ✗ X
Waveform filters	Yes	✓ No ✗ X
Pushable knobs	Yes	✓ No ✗ X
Boot-up time	10 seconds	30 seconds
Warranty	3 years	3 years

1. On 50 MHz and 70 MHz models

2. On 100 and 200 MHz models



Powerful signal capture and display

- A sharp color LCD display that is easy to read even from wide angles
- Up to 20 kpts of acquisition memory, up to eight times more memory than other scopes in its class
- 2 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

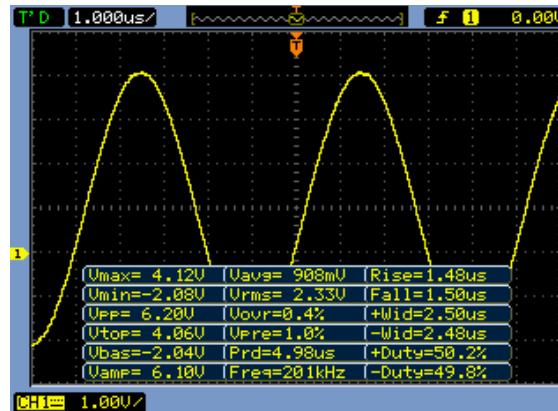
Advanced measurement capability

- 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

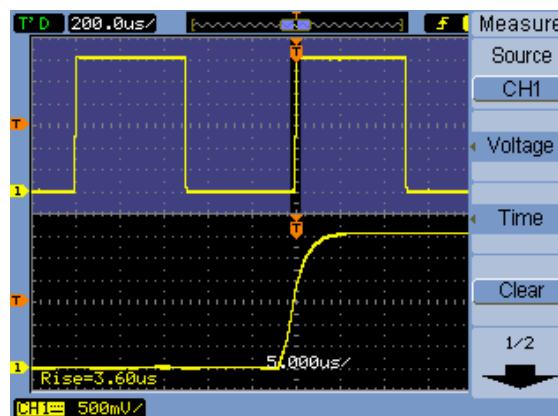
Accelerated productivity

- 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), remote programmable interface (1000A only)
- Free education student lab guide and professor slide set to get students up and using oscilloscopes quickly

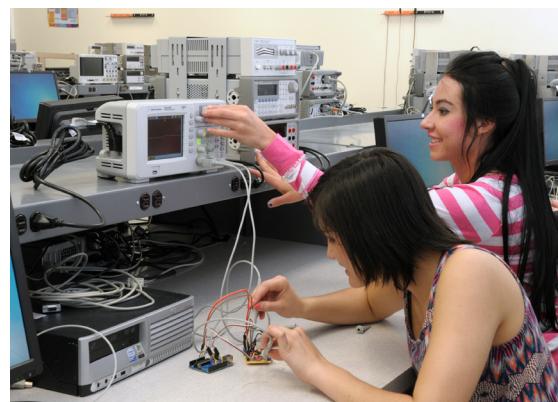
www.agilent.com/find/1000



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

Product specifications and descriptions in this document subject to change without notice.

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