

TBS2000 Series vs. Lecroy WaveAce 2000 Series

COMPETITIVE FACT SHEET

Visualization

Tektronix TBS2000 Series

Lecroy WaveAce 2000 Series

- ✓ 9" WVGA display with 15 horizontal grids
- ✓ 20M record length to capture long time windows
- ✗ 7" WVGA with 18 horizontal grids
- ✗ 12K record length

Probe and Measurement

Tektronix TBS2000 Series

Lecroy WaveAce 2000 Series

- ✓ TekVPI probe interface supports active, differential, and current probes without the need for external power. Probes communicate with TBS2000
- ✓ 32 automatic measurements can be categorized and laid out in one page for straight-forward selection
- ✓ Cursor measurement with on-waveform readouts
- ✗ Standard BNC interface. No power provided by the scope and no communication
- ✗ 32 automatic measurements may be selected from a long list. You are not able to see them all at once
- ✗ Cursor measurement readouts are off to the side of the screen

Key Specifications Comparison

	Tektronix TBS2000 Series		Lecroy WaveAce 2000 Series	
Analog Channels	✓	2, 4	✓	2, 4
Bandwidth	✗	70, 100 MHz	✓	70, 100, 200, 300 MHz
Max. Sample Rate (All channels on)	✗	500 MS/s	✓	1 GS/s
Max. Record Length (All channels on)	✓	20 M points	✗	12 k points
Time-base Range	✓	2ns/div to 100s/div (70&100MHz)	✗	5ns/div to 50s/div (70MHz) 2.5ns/div to 50s/div (100&200MHz) 1ns/div to 50s/div (300MHz)
Auto Measurement	✓	32	✓	32
Trigger Types	✓	Edge, Pulse width, Runt	✓	Edge, Pulse width, Video, Slope (Rise Time), Alternate

Safety and Reliability

Tektronix TBS2000 Series

Lecroy WaveAce 2000 Series

- ✓ 5 years of warranty
- ✓ No fans in 2-channel models, for low noise operation
- ✓ Max. Input Voltage: CATII 300Vrms
- ✗ 3 years of warranty
- ✗ Fans in all models
- ✗ Max. Input Voltage: 400Vp

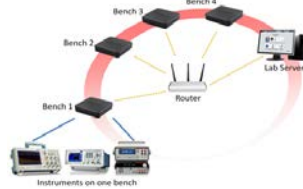
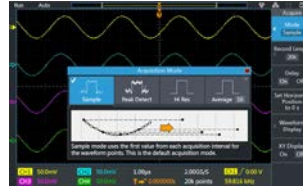
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Education for Everybody

Tektronix TBS2000 Series

- ✓ **HelpEverywhere** – Shows real-time instructions for key operations like triggering or measuring
- ✓ **ScopeIntro** – Built-in knowledge book with detailed introduction of oscilloscope and current models
- ✓ **Courseware** – Lab exercises may be downloaded for free and may be loaded and viewed on the oscilloscope
- ✓ **TekSmartLab** – TBS2000 is fully compatible with TekSmartLab software for presetting lab stations and monitoring student progress from a professor's workstation



Lecroy WaveAce 2000 Series

- ✗ No instructions for key operations
- ✗ No built-in oscilloscope or operation guide
- ✗ Lab exercises may not be loaded or viewed on the oscilloscope
- ✗ No solution for presetting lab stations or monitoring student progress during labs from a professor's workstation

Remote Connectivity

Tektronix TBS2000 Series

- ✓ First basic oscilloscope with Wi-fi dongle support
- ✓ Two USB ports on rear panel: one USB HOST for flash drive or wi-fi dongle; one USB DEVICE for remote control via PC
- ✓ LAN with LXI compatibility is included. TBS2000 can be remotely accessed on any device on the same network with a web browser

Lecroy WaveAce 2000 Series

- ✗ No wireless connectivity
- ✓ Two USB ports on rear panel: one USB HOST for flash drive; one USB DEVICE for remote control via PC
- ✗ LAN as included. No LXI compatibility