

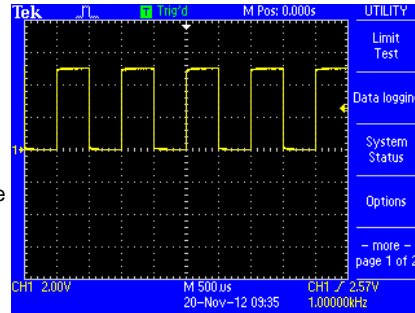
TBS1000 Series vs. LeCroy WaveAce1000 Series

Competitive Fact Sheet

Ease of Use

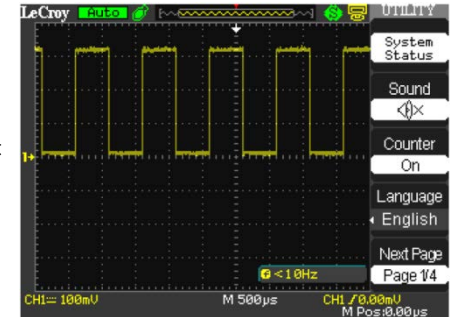
Tektronix TBS1000 Series

- ✓ No menu has more than 2 pages.
- ✓ Indexed, context-sensitive help system with hyperlinks works like a built-in manual.
- ✓ Probe Check button to quickly verify that the voltage probe is operating properly
- ✓ Trig View button to see how the trigger settings affect the trigger signal,
- ✓ AutoRange button adjusts controls to produce a usable display of the input signal.



LeCroy WaveAce1000 Series

- ✗ Menus can have up to four pages. For example, the utility menu includes 16 different settings.
- ✗ No help index and no hyperlinks make it difficult to jump between topics.
- ✗ No probe check function.
- ✗ No trig view function.
- ✗ No AutoRange function



Portability and Work Environment

Tektronix TBS1000 Series

- ✓ 300V_{RMS} CAT II. Rated for measurements on circuits directly connect to mains.
- ✓ 2.0 kg weight
- ✓ Silent operation
- ✓ Operating from 0 C to +50 C
- ✓ Operating up to 80% RH at or below +40 C. Up to 45% RH up to +50 C
- ✓ 30 W max power consumption

LeCroy WaveAce1000 Series

- ✓ 400V_{RMS} CAT I. Rated for measurements on circuits not connected to mains.
- ✗ 2.8 kg weight
- ✗ Contains a cooling fan
- ✗ Operating from 10 C to +40 C
- ✗ Operating up to 80% RH at or below +31 C. Up to 50 % RH at 40 C
- ✗ 50 W max power consumption

Key Specifications Comparison

	Tektronix TBS1000 Series		LeCroy WaveAce1000 Series	
Channels	✓	2	✓	2
Bandwidth	✓	25, 40, 60, 100, 150 MHz	✗	40, 60, 100 MHz
Max. Sample Rate (All channels on)	✓	BW<= 40MHz: 500 MS/s BW> 40MHz: 1 GS/s	✗	500 MS/s
Max. Record Length (All channels on)	✗	2.5k points	✓	1M points
Data Logging	✓	Yes	✗	N/A
Included software	✓	OpenChoice	✓	WaveStudio
Interfaces	✓	USB, Optional GPIB	✓	USB, LAN

TBS1000 Series vs. LeCroy WaveAce1000 Series

Competitive Fact Sheet

Higher Sample Rate/Bandwidth Ratio

On the key 60 MHz and 100 MHz models the TBS1000 Series offers higher sample rate/bandwidth ratio to reconstruct waveforms more accurately and reduce the possibility of aliasing.

Tektronix TBS1000	Bandwidth	Sample rate(all CHs on)	Sample rate/ Bandwidth	LeCroy WaveAce1000	Bandwidth	Sample rate(all CHs on)	Sample rate/ Bandwidth
TBS1022	25MHz	500MS/s	20 times				
TBS1042	40MHz	500MS/s	12.5 times	WaveAce1001	40MHz	500MS/s	12.5 times
TBS1062	60MHz	1GS/s	16.7 times	WaveAce1002	60MHz	500MS/s	8.3 times
TBS1102	100MHz	1GS/s	10 times	WaveAce1012	100MHz	500MS/s	5 times
TBS1152	150MHz	1GS/s	6.7 times				

Warranty Duration

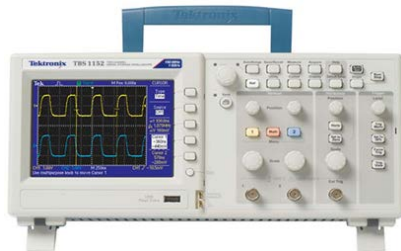
Tektronix
TBS1000 Series

✓ 5 year warranty

LeCroy
WaveAce1000 Series

✗ 3 year warranty

More Affordable



10% to 20% lower price than LeCroy WaveAce1000 Series

Advanced Features for Embedded Design

Tektronix TDS2000C Series

- ✓ Higher bandwidth models up to 200MHz
- ✓ 4 channel available on 70MHz, 100MHz, 200MHz models
- ✓ Higher sample rate up to 2GS/s
- ✓ Limited life time warranty (at least 10 years)
- ✓ Supports NI LabVIEW SignalExpress

Tektronix MSO2000B and DPO2000B Series

- ✓ Wave Inspector® Navigation and Search for efficient evaluation of records up to 1 million points
- ✓ 7-inch TFT Display
- ✓ Decode, search and trigger on serial buses like I²C, SPI, RS-232 and others.
- ✓ 16 digital channels (MSO Series)