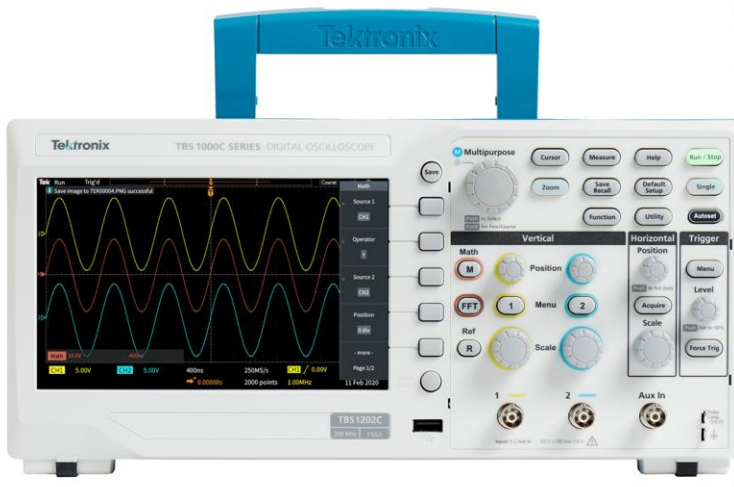


Tektronix TBS1000C

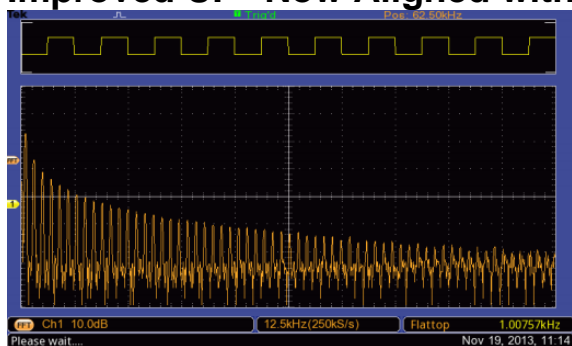
Entry Digital Storage Oscilloscope, 50MHz to 200MHz



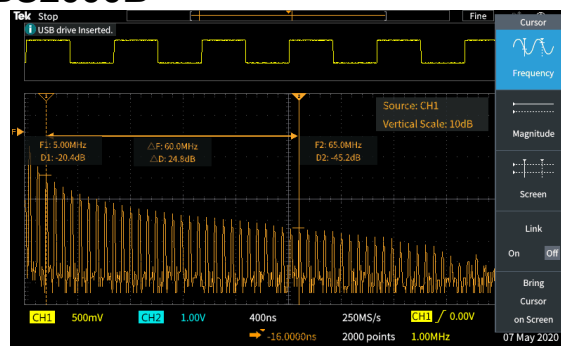
- 67% brighter display, Improved viewing angle
- New refreshed look, enhanced user interface
- Education features now standard
- Re-introducing 50 MHz BW model
- Improved Acquisition Hardware and Features
- Extended record length, 20k standard

	TBS1052C	TBS1072C	TBS1102C	TBS1202C
Bandwidth	50 MHz	70 MHz	100 MHz	200 MHz
Analog Channels	2			
Sample Rate	1GS/s (All)			
Record Length	20k points			
Vertical Resolution	8 Bit, 1mV/div to 10V/div			
Probe Interface	Passive BNC probes, Current and Power probes			
Trigger	Edge, Pulse Width, Runt			
Analysis	32 Automated Measurements, Math, Ref, Cursors, FFT, Zoom, Autoset			
Display Size	7 in WVGA			
I/O	USB Host, USB Device, Aux In			
Security	Kensington Lock			
Software	Courseware, TekSmartLab, OpenChoice, TekBench			
Warranty	5 Year			
Price Range	\$510 - \$1,870			

Improved UI – Now Aligned with TBS2000B



TBS1000B



TBS1000C

Features Updated

	Features Changed
Vertical Setup	More options including position/offset, User Labels
FFT	Blackman Harris added, vertical units (Log, Linear), User Label, Cursor Support with on screen readouts
Acquire	Record Length control, delay, persistence, XY display
Trigger	New Runt Trigger. No Video Trigger.
Cursor	New Screen Cursor, Cursor Linking, on Screen readouts, position in defender view when they are off screen and shortcut to bring them on screen
Measurement	Redesigned UI for all measurements on same screen for easy selection, more gating options, screen, cursors and full record, ref level selection.
Function	Always on trigger frequency counter.

Education for All

The screenshot shows the TBS1000C oscilloscope interface displaying the lab exercise objectives. The objectives are:

- After performing this lab exercise, learner will be able to:
 - >> Design & build Astable Multivibrator circuit using 555 Timer chip
 - >> Use digital oscilloscope's trigger to capture and display the signal
 - >> Measure timing information (period, frequency, T_{on}, T_{off} and Duty Cycle) of the signal
 - >> Verify the designed parameter against actual values using oscilloscope measurement

Inbuild Courseware now standard

The screenshot shows the TBS1000C oscilloscope interface displaying the Feature Enable menu. The menu includes the following options:

- Autoset: Enable (On/Off)
- Cursor: Enable (On/Off)
- Measurement: Enable (On/Off)
- Change Password: Change

More control over automated functions

Please refer to <https://www.tek.com/oscilloscope/tbs1000-digital-storage-oscilloscope> for more details.