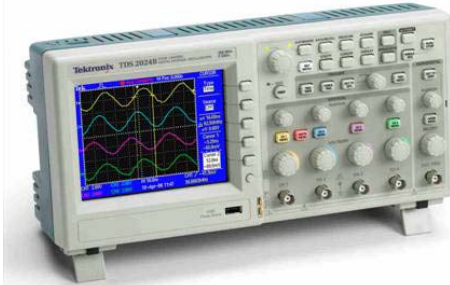


# TDS1000B/2000B Series Oscilloscopes Fact Sheet

Performance you need at a price you can afford

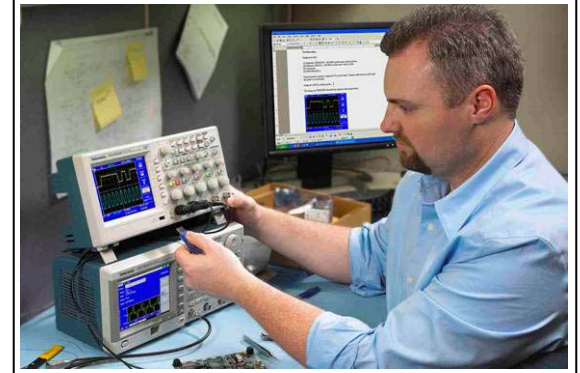


## Features

## Benefits

Digital real-time sampling	Accurately capture signals with at least 5X over-sampling on all channels, all the time.
Dedicated front-panel controls	Spend less time learning and more time on your task with easy-to-use front-panel controls.
Front-panel USB host port	Quickly store and transfer your waveforms.
USB plug-and-play PC connectivity	Easily document and analyze your results with NI SignalExpress™ and OpenChoice® PC software.
Direct print capability	Conveniently print to any PictBridge® compatible printer.
Lifetime Warranty*	Reduce your cost of ownership with the standard, Lifetime Warranty.
Just 4.4 lbs (2 kg)	Easily transport from lab-to-lab with the lightweight and compact design.

## Simple documentation and analysis



Conveniently store your data with the USB flash drive.

### Featuring:

- 40 MHz to 200 MHz models
- 2 or 4 analog channels
- 2.5 k standard record length on all channels
- Up to 2 GS/s sample rate on all channels
- Advanced triggering
- 11 automatic measurements
- FFT function standard on all models
- USB connectivity
- Lightweight and portable
- Lifetime Warranty\*

\* Limitations apply. For terms and conditions, visit [www.tektronix.com/lifetimewarranty](http://www.tektronix.com/lifetimewarranty)



(800) 346-6873 [www.mouser.com](http://www.mouser.com)



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## Key specifications and ordering information

Models	Channels	Bandwidth	Display	Record Length (All Channels)	Sample Rate (All Channels)	Pricing
TDS2024B	4	200 MHz	Color	2.5 k	2.0 GS/s	\$2,410
TDS2022B	2	200 MHz	Color	2.5 k	2.0 GS/s	\$1,940
TDS2014B	4	100 MHz	Color	2.5 k	1.0 GS/s	\$2,080
TDS2012B	2	100 MHz	Color	2.5 k	1.0 GS/s	\$1,610
TDS2004B	4	60 MHz	Color	2.5 k	1.0 GS/s	\$1,730
TDS2002B	2	60 MHz	Color	2.5 k	1.0 GS/s	\$1,320
TDS1012B	2	100 MHz	Monochrome	2.5 k	1.0 GS/s	\$1,320
TDS1002B	2	60 MHz	Monochrome	2.5 k	1.0 GS/s	\$1,100
TDS1001B	2	40 MHz	Monochrome	2.5 k	500 MS/s	\$900



Standard Probes and Accessories	
▪ One P2220 200 MHz, 10X Passive Probe Per Channel	
▪ OpenChoice® Desktop Software	
▪ NI LabVIEW SignalExpress™ Tektronix Edition Software (LE version)	
▪ Power Cord	
▪ Calibration Certificate, Quick Reference Manual, & Documentation on CD	

Service Options	
<b>Opt. C3</b> - 3 Year Calibration Service Plan.	\$260
<b>Opt. C5</b> 5 Year Calibration Service Plan.	\$490
<b>Opt. D1</b> - Calibration Data Report.	\$10

Recommended Probes, Accessories, and Services		
P2220	10X to 1X Switchable Passive Probe.	\$104
P5100	100X High-Voltage Passive Probe (250 MHz).	\$390
P5200	High-Voltage Active Differential Probe (25 MHz).	\$780
P6021	15 A, 60 MHz AC Current Probe.	\$1,300
P6022	6 A, 120 MHz AC Current Probe.	\$1,410
A621	2000 A, 5 to 50 kHz AC Current Probe.	\$525
A622	100 A, 100 kHz AC/DC Current Probe/BNC.	\$525
TNGTDS01	Operator Training Kit.	\$350
AC2100	Soft Carrying Case.	\$95
HCTEK4321	Hard Carrying Case (requires AC2100).	\$655

Key Applications	Benefits
▪ Design and debug	▪ Accurately visualize your signal with the high sample rate and bandwidth
▪ Education and training	▪ Prepare your students for the future with a low-cost, reliable instrument from Tektronix - the worldwide leader in oscilloscopes
▪ Manufacturing test and quality control	▪ Increase your productivity with the easy-to-use interface and PC connectivity
▪ Service and repair	▪ Easily transport in the field with the compact, lightweight design