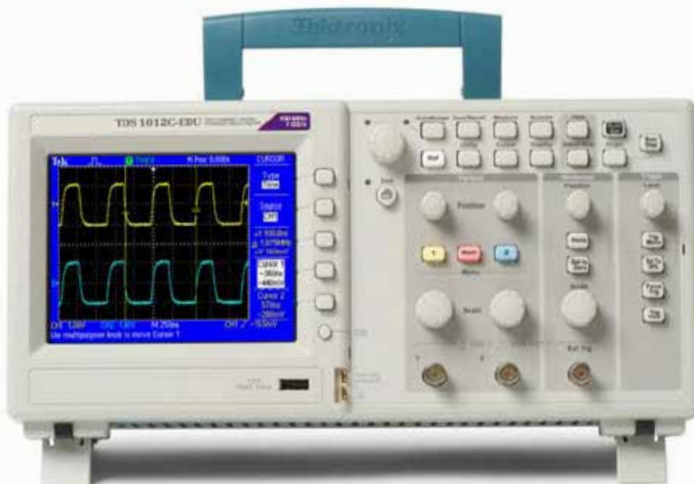
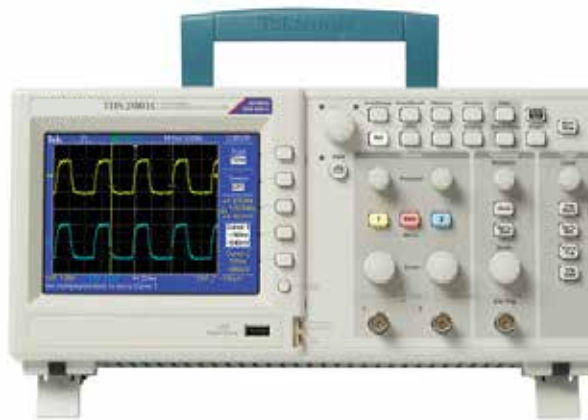


TDS2000C Series Digital Storage Oscilloscopes

Instantly productive, incredibly easy



The TDS2000C Series digital storage oscilloscopes deliver an unbeatable combination of superior performance, unmatched ease-of-use, and affordability in an ultra lightweight, portable package. Power and precision, with up to 200 MHz bandwidth and 2 GS/s maximum sample rate—no other DSO offers as much bandwidth and sample rate for the price!

All models offer advanced triggering, including pulse width and line-selectable video triggering (external triggering available on all models). Ideal for designing and debugging, education and training, service and repair, and manufacturing test and quality control.

- Probe check wizard ensures optimal probe setup, whatever the application
- Sixteen standard automatic measurements make measurements fast and easy, while reducing human error
- Context-sensitive help allows the user to learn about various oscilloscope features and functions
- USB host port on front for mass storage enables quick transfer of data between oscilloscope and PC
- Classic and familiar analog-style controls provide instant access to frequently-used functions
- PC connectivity via USB device port with OpenChoice™ and NI Signal Express software
- Active TFT color dedicates a different color for each trace and its associated readouts to simplify the viewing of complex signals on multiple channels

SPECIFICATIONS

Oscilloscope type	DSO (digital storage oscilloscope)
Record length	2.5 k points at all time bases, maximum
Connectivity	(2) USB ports, GPIB optional
Trigger types	Edge, pulse (width, glitch), video
Waveform math and analysis	Simple waveform math, FFT
Display	TDS1000B models: mono ¼ VGA LCD; TDS2000C models: active TFT color
Dimensions (W x H x D)	12¾" x 6" x 4⅞" (324 x 151 x 125 mm)
Power	Power source voltage: 100 to 240 V \pm 10%; power source frequency: 47 to 66 Hz (90 to 264 V), 360 to 440 Hz (100 to 132 V)

What's included: One TPP0101 (100 MHz, 10X/1X) switchable passive probe per channel for 50 and 70 MHz, one TPP0201 (200 MHz, 10X/1X) switchable passive probe per channel for 100 and 200 MHz, user manual, power cord, and calibration document supplied by the manufacturer.

Catalog No.	Model No.	Bandwidth	Channels	Sample rate	Rise time
TS-20050-50	TDS2001C	50 MHz	2	500 MS/s	5.8 ns to 2.1 ns
TS-20050-51	TDS2002C	70 MHz	2	1 GS/s	5.8 ns to 2.1 ns
TS-20050-52	TDS2004C	70 MHz	4	1 GS/s	5.8 ns to 2.1 ns
TS-20050-53	TDS2012C	100 MHz	2	2 GS/s	5.8 ns to 2.1 ns
TS-20050-54	TDS2014C	100 MHz	4	2 GS/s	5.8 ns to 2.1 ns
TS-20050-55	TDS2022C	200 MHz	2	2 GS/s	5.8 ns to 2.1 ns
TS-20050-56	TDS2024C	200 MHz	4	2 GS/s	5.8 ns to 2.1 ns
Accessories					
TS-17110-34	—	NIST-traceable recalibration with data.			