

oscilloscopes



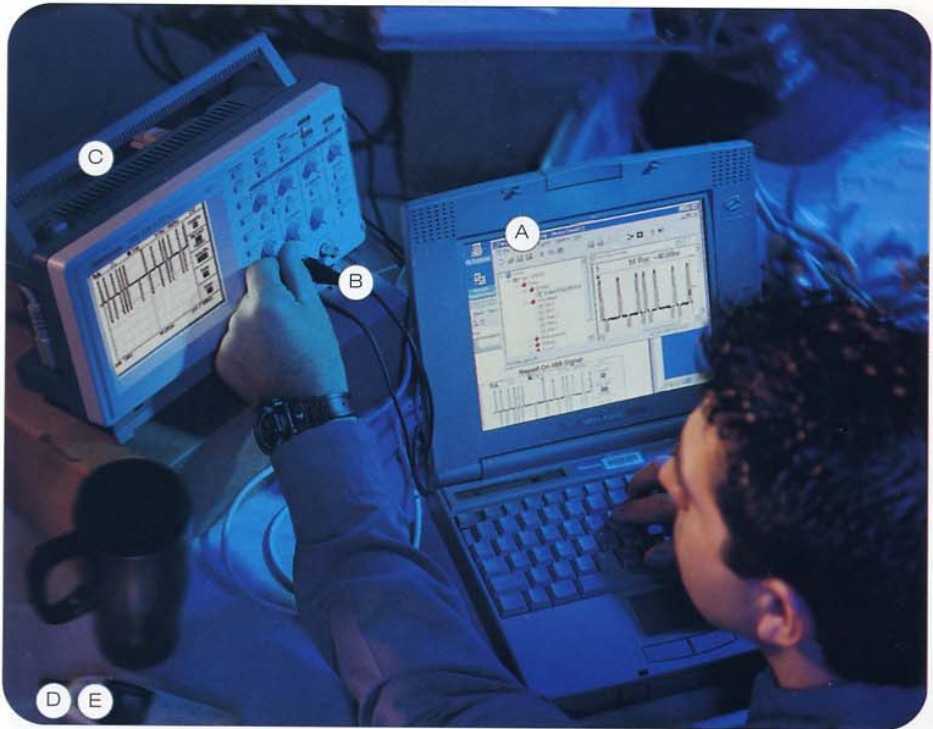
TDS200 Series
Digital Storage Oscilloscope

starting at
\$1,865

Features & Benefits

- ▶ High performance in an affordable digital oscilloscope
- ▶ 60 MHz and 100 MHz bandwidths in 2- and 4-channel models to fit every application
- ▶ 1 GS/s sample rate on all channels provides accurate, real-time acquisition
- ▶ Automatic measurements for quick, accurate operation
- ▶ Extension modules, software and probing expand instrument capabilities
- ▶ Dual timebase

▶ High **performance** and low-price in a digital workhorse



▶ Transferring data and images from your TDS200 to your PC is easy with WaveStar™ Software.

TDS200 Digital Storage Oscilloscopes: Affordable Digital Performance Makes These the Most Popular Tektronix DSOs

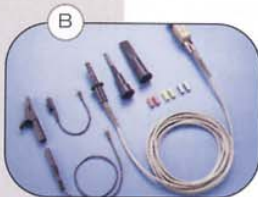
If price has held you back from buying a digital oscilloscope, it won't any more. Not when you look at the TDS200 Series digital storage oscilloscopes. They are the lowest-cost digital oscilloscopes in the Tektronix lineup.

But don't let the low price fool you. At sampling rates of 1 GS/s on each channel at bandwidths of 60 and 100 MHz, no other digital oscilloscope offers as much performance for the price. And now the TDS224 offers the power and flexibility of four independent channels.



▶ **WSTRO** – WaveStar Software for oscilloscopes Windows 95/98/NT application.

\$498



▶ **P5100** – 100 MHz high voltage passive probe.

\$390



▶ **TDS2CM** – Comm Module.

\$414



▶ **AC220** – Soft Carrying Case.

\$108



▶ **RM200** – Rackmount kit.

\$351

The reasons for switching from analog to digital are well-known: Digital provides the means to store and analyze waveforms. But what about real-time acquisition, always a plus for analog oscilloscopes. No problem for the TDS200 Series. By sampling at 10 and 16 times their bandwidths on all channels, the TDS200 Series oscilloscopes provide accurate, real-time acquisition up to their full bandwidth, even for single shot events. Traditional analog real time oscilloscopes simply cannot perform to this standard.

Compact, easy to use and affordable, the TDS200 Series has earned a spot in a broad range of industries and applications. If a full function affordable oscilloscope is needed for the bench, production line or training lab, the TDS200 Series Oscilloscope makes for an ideal solution.

characteristics

	TDS210	TDS220	TDS224
Bandwidth	60 MHz	100 MHz	100 MHz
Sample Rate on Each Channel	1 GS/s	1 GS/s	1 GS/s
Channels	2	2	4
Record Length	2.5 K points per channel	2.5 K points per channel	2.5 K points per channel
Vertical Resolution	8-bits (256 levels over 10.24 vertical divisions)	8-bits (256 levels over 10.24 vertical divisions)	8-bits (256 levels over 10.24 vertical divisions)
Time/Division Range (/div)	5 ns – 5 s/div	5 ns – 5 s/div	5 ns – 5 s/div
Horizontal Accuracy	± 0.01%	± 0.01%	± 0.01%
Display Monitor	LCD	LCD	LCD
Display Modes	Vectors, dots	Vectors, dots	Vectors, dots
Price	\$1,865	\$2,805	\$3,895

ordering information

TDS210 Digital Storage Oscilloscopes	\$1,865
TDS220 Digital Storage Oscilloscopes	\$2,805
TDS224 Digital Storage Oscilloscopes	\$3,895

Standard Accessories

Probes – 2 each P2100-1X/10X passive probes. 4 each P2100-1X/10X passive probes (TDS224).

Documentation – User manual.

Power Cord

NIST – Traceable Certificate of Calibration.

Instrument Accessories

TDS2CM – Communications Extension Module	\$414
TDS2MM – Measurement Extension Module	\$773
TR210 – Huntron Tracker	\$1,640

AD007 – GPIB-LAN Adapter – to connect up to 14 devices.....	\$1,555
AC220 – Soft Carrying Case.....	\$108
RM200 – Rackmount Kit.....	\$351
HCTDS32 – Transit Case (Requires RC200 Softcase)	\$773
Service Manual (TDS200 Series) – English only (071-0492-02).....	\$46.80
TDS2CM and TDS2MM Programmer's Manual – English only (071-0493-01).....	\$46.80
WSTRO – WaveStar Software for oscilloscopes Windows 95/98/NT application.....	\$498

Probes

P6015A – 1,000X High Voltage Probe.....	\$1,865
P6021 – 60 MHz AC Current Probe.....	\$1,330
P6022 – 120 MHz AC Current Probe.....	\$1,365
P6112 – 10X, 100 MHZ Passive Voltage Probe	\$149
P5100 – 100X High Voltage Passive Probe	\$390
P5200 – High Voltage Differential Probe	\$779
AM503S – AC/DC Current Probe System.....	\$5,765
A621 – 2000A AC Current Probe/BNC.....	\$741
A622 – 100A AC/DC Current Probe/BNC.....	\$773

ask the expert

When I do testing in the field, how can I get screenshots into my report?

No problem. With the TDS2CM communication extension module, you can link your TDS200 Series DSO directly to your PC laptop. WSTRO (Wavestar software for Oscilloscopes) has a number of features that makes your oscilloscope highly interactive with Microsoft Windows. With Wavestar running, all that's left to do is open an MS Office application, and then drag and drop your screenshot directly into it. With this kind of interactivity, you can create your whole report and save or print it right there in the field.

Applications

- ▶ Design and debug
- ▶ Service and repair
- ▶ Manufacturing test and quality control
- ▶ Education and training