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TECHNOLOGY GROUP

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Tektronix



Digital Storage Oscilloscopes

TDS210 • TDS220 • TDS224

Features & Benefits

- 60 MHz or 100 MHz with 1 GS/s Sample Rate on all Channels
- 2 and 4 Channel Models
- Dual Timebase
- Automatic Measurements
- Multi-language User Interface
- Autoset
- Waveform and Setup Memories
- Extended Capabilities Are Provided with Optional Modules, Software and Probing

Applications

- Design/Debug
- Service and Repair
- Manufacturing Test and Quality Control
- Education/Training

Tektronix' Most Popular DSO

The TDS200 Oscilloscopes have quickly become the benchmark for low-cost oscilloscopes. Offering an unbeatable combination of performance, reliability and versatility, the TDS200 Series offers breakthrough digital and real-time advantages at affordable oscilloscope prices. And with the TDS224, the digital performance of the TDS200 Series is available to customers that need four full-featured channels.

AFFORDABLE DIGITAL PERFORMANCE

No other digital oscilloscope offers as much bandwidth and sample rate for the price. 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.

Digital storage technology supports features not available on most low-cost oscilloscopes, including automatic measurements, peak detect, storage of two reference waveforms and five instrument setups and autoset. Peak detect and high sample rates minimize aliasing while capturing waveform details that remain unseen on many low-cost oscilloscopes.

VERSATILITY AND FLEXIBILITY

The TDS200's reliable, backlit liquid crystal display permits the instrument to be only 4.75 in. (12 cm) from front to back, while its light weight (3.25 lbs., 1.5 kg) and rugged construction allow for portability. The portable form factor provides increased versatility, allowing the instrument to be easily moved or safely stored away when not in use.

Two productivity enhancing modules are available with capabilities not possible on many low-cost oscilloscopes. The Communication Extension Module allows RS-232 and GPIB programmability, plus the printing of screen shots via a Centronics-type parallel port. The Measurement Extension Module combines the features of the Communications Module plus Fast Fourier Transform (FFT) analysis and four additional measurements. Other optional accessories, such as WaveStar™ software and the AD007 GPIB-LAN adapter, add additional functionality to the TDS200.

EASY TO USE

The user interface is similar to that of an analog oscilloscope, but with improvements that reduce learning time and increase efficiency. Knobs and buttons are grouped by function and provide direct access to controls, and each vertical channel has its own dedicated scale and position knobs. Readouts or menus are displayed on-screen at all times, allowing users to more quickly and accurately determine instrument settings. The display responds quickly to control adjustments and has a fast update rate.

All models have a multi-language user interface. Menus and help text are provided in a user-selectable language: English, Spanish, French, German, Italian, Portuguese, Korean, Japanese, Traditional Chinese or Simplified Chinese.

THE PERSONAL OSCILLOSCOPE

The TDS200 Series oscilloscopes are designed for people who demand the ultimate in oscilloscope value. If an inexpensive yet high performance oscilloscope is needed for the bench, production line or training lab, a TDS200 Series Oscilloscope is the best choice.

CE

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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