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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Digital Sampling Oscilloscope

11801C

The products on this datasheet are no longer being sold by Tektronix.
View Tektronix Encore for reconditioned test equipment.
Check support and warranty status for these products.



Features & Benefits

11801C

- DC To 50-Ghz Bandwidth
- 7-ps Rise Time
- Eight Channels, Expandable to 136 (with SM-11 multichannel units)
- High Resolution and Measurement Repeatability
- 10-Femtosecond Sampling Interval (0.01 ps)
- Modular Architecture
- Dual-Timebase Allows Multiple Windows
- FFT
- Predefined Telecom Masks
- True Dual-Step Differential TDR
- Fully Automatic Jitter and Noise Measurements
- Automatic Statistical Measurements, Histograms, and Mask Testing
- Automatic Pulse Measurements with Statistics
- Comprehensive Waveform Processing
- Complete Programmability for ATE Applications
- Color Display with Color Grading

Applications

- Semiconductor Test
- TDR Characterization
- High-Speed Digital
- Data Communication

The 11801C Digital Sampling Oscilloscope

The 11801C Digital Sampling Oscilloscope offers the widest range of on-board measurement and waveform processing capabilities of any multi-Gigahertz scope. With excellent measurement repeatability, exceptional vertical resolution, and fast display update rate, the 11801C is a powerful measurement tool for semiconductor testing, TDR characterization of circuit boards, IC packages and cables, and high-speed digital data communications.

Modularity Meets Your Needs Now and in the Future

The modular microprocessor-based architecture of the 11801C not only allows you to select the right configuration for your application, but also allows expandability to meet your future measurement needs. The 11801C accepts up to 4 dual-channel sampling heads and can be expanded through the SM-11 Multichannel Units to 136 channels. There are currently nine sampling heads to choose from:

SD-14 - 3-GHz high-impedance (100 kilohm/0.475 pF) dual-channel probe sampler

SD-20 - 20-GHz single-channel loop-through head

SD-22 - 12.5-GHz dual-channel low-noise head

SD-24 - 20-GHz dual-channel TDR/sampling head

SD-26 - 20-GHz dual-channel sampling head

SD-32 - 50-GHz, single-channel sampling head

SD-42 - 6.4-GHz O/E converter (55-ps optical pulse response FWHM)

SD-44 - 15-GHz O/E converter

SD-51 - 20-GHz trigger head

CE

Product(s) are manufactured in ISO registered facilities.

48W-23215-0

possibilities. Tektronix designs and manufactures test and measurement solutions to break through the walls of complexity, and accelerate global innovation.

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

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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.

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