

TDS3000C Series Oscilloscopes

Performance you need at a price you can afford

Product Fact Sheet

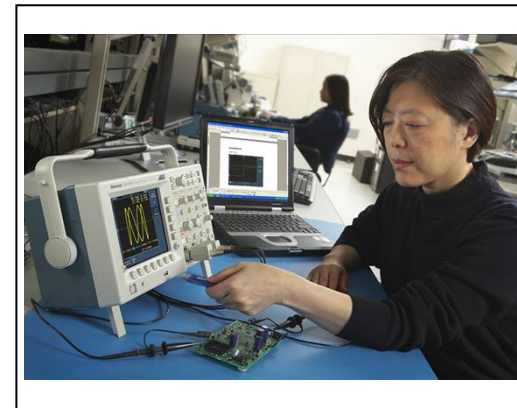


Features

Benefits

| | |
|--------------------------------|---|
| Digital real-time sampling | Accurately capture signals with at least 5X over-sampling. |
| Digital phosphor display | Quickly capture and visualize glitches and infrequent events with a high waveform capture rate and intensity-graded display. |
| Advanced triggering | Capture digital signal anomalies with runt, glitch, rise/fall-time, and setup/hold violation triggers . |
| Dedicated front-panel controls | Spend less time learning and more time on the task at hand with easy-to-use front panel controls. |
| Front-panel USB host port | Quickly store and transfer your waveforms. |
| PC connectivity | Simply transfer, analyze and document results with NI LabVIEW SignalExpress™ TE and Tektronix OpenChoice® Desktop software. |
| Just 5.9 inches (149 mm) deep | Free up valuable bench-top space. |
| Battery pack (optional) | Work where you need to with up to three-hours of portable battery operation. |
| Application modules (optional) | Transform your oscilloscope into a specialized instrument for limit testing, telecom mask testing, and video troubleshooting. |

Easy to set-up and use



Easily transfer, document and analyze data on your PC.

Featuring:

- 100 MHz, 300 MHz, 500 MHz models
- 2 or 4 analog channels
- 10 k standard record length on all channels
- Up to 5 GS/s sample rate on all channels
- Front panel USB host port for data storage
- Ethernet port for PC connectivity
- Optional battery operation
- Optional limit testing, telecommunications mask testing, and HDTV and custom video triggering and analysis

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Key specifications and ordering information

Product Fact Sheet

| Models | Analog Channels | Bandwidth | Record Length All channels | Sample Rate All channels | Pricing |
|----------|-----------------|-----------|-------------------------------|-----------------------------|----------|
| TDS3054C | 4 | 500 MHz | 10 k points | 5 GS/s | \$10,500 |
| TDS3052C | 2 | 500 MHz | 10 k points | 5 GS/s | \$8,800 |
| TDS3034C | 4 | 300 MHz | 10 k points | 2.5 GS/s | \$7,350 |
| TDS3032C | 2 | 300 MHz | 10 k points | 2.5 GS/s | \$6,100 |
| TDS3014C | 4 | 100 MHz | 10 k points | 1.25 GS/s | \$5,050 |
| TDS3012C | 2 | 100 MHz | 10 k points | 1.25 GS/s | \$4,250 |



| Standard Probes and Accessories | |
|--|--|
| • One P6139A 500 MHz, 10X Passive Probe Per Analog Channel | |
| • OpenChoice® Desktop Software | |
| • NI LabVIEW SignalExpress™ Tektronix Edition Software (LE version) | |
| • Power Cord & Accessory Tray | |
| • Calibration Certificate, Quick Reference Manual, & Documentation on CD | |

| Recommended Probes and Services | | |
|---------------------------------|---|-------------|
| P5205 | 1 kV, 100 MHz High-Voltage Differential Probe. | \$1,150 |
| P5210 | 5.6 kV, 50 MHz High-Voltage Differential Probe. | \$2,300 |
| TCP202 | 15 A, 50 MHz AC/DC Current Probe. | \$1,830 |
| P6243 | 1 GHz 10X Active Probe. | \$846 |
| TDS3BATC | Lithium Ion Battery Pack. | \$520 |
| TDS3CHG | Fast Charger for Battery Pack. | \$141 |
| AC3000 | Soft Transit Case. | \$190 |
| HCTEK4321 | Hard Transit Case (requires AC3000) | \$655 |
| Opt. R5 | 5 Year Repair Service Plan. | Varies |
| Opt. C3/C5 | 3, 5 Year Calibration Service Plan. | \$470/\$850 |

| Application Modules | |
|---|---------|
| TDS3AAM – Advanced Analysis Module | \$550 |
| TDS3GV – GPIB, RS-232, and VGA Communications Module | \$476 |
| TDS3LIM – Limit Testing Module | \$550 |
| TDS3SDI – 601 Serial Digital Video Analysis Module | \$2,950 |
| TDS3TMT – Telecom Mask Test Triggering Module | \$1,100 |
| TDS3VID – HDTV and Custom Video Triggering Module | \$550 |

| Key Applications | Benefits |
|--|---|
| <ul style="list-style-type: none"> • Design and debug of electronic systems | <ul style="list-style-type: none"> • High waveform capture rate and WaveAlert® reduce troubleshooting time • Advanced triggers easily capture signal anomalies • Automatic measurements provide quick analysis |
| <ul style="list-style-type: none"> • Video design and development | <ul style="list-style-type: none"> • Extended video analysis capabilities to include HDTV and custom video triggering, video graticules, vectorscope and picture displays, and video autose. |
| <ul style="list-style-type: none"> • Manufacturing test | <ul style="list-style-type: none"> • Limit testing provides quick Go/No-Go testing. • Telecom mask testing provides compliance testing to industry standards. |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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