



# ZTEC Instruments

The Leader in Modular Oscilloscopes

## Press Release

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## 300 MHz PXI, PCI, and VXI Oscilloscopes Offer Benchtop Performance for ATE and Portable Test Applications

April 21, 2008 – Albuquerque, NM – ZTEC Instruments introduces the ZT4210 series of 300 MHz oscilloscopes in PXI, PCI, and VXI form factors. These oscilloscopes provide the same powerful triggering, acquisition, math, and analysis functions that are commonly found in today's benchtop instruments and in ZTEC's other M-Class oscilloscopes. In fact, the ZT4210 series is designed to replace benchtop oscilloscopes in many ATE, aerospace, defense, and portable test applications. Prices for the ZT4210 series start at \$4,450 US. Learn more about the ZT4210 series at <http://www.ztecinstruments.com/zt4210>

These powerful modular oscilloscopes are available with 2 channels (ZT4211 PXI, PCI, and VXI) and with 4 channels (ZT4212 VXI only). Key specifications include 300 MHz analog bandwidth, up to 1 GS/s real-time sampling, and up to 256M samples record length. With its on-board processing, the ZT4210 series calculates over 40 waveform parameters related to a waveform's voltage, time and frequency characteristics. The ZT4210 also comes standard with four calculation channels for performing basic and advanced math on acquired data. Math functions include add, subtract, multiply, integration, differentiation, FFT, histograms, parameter trending and more.

The ZT4210 accepts a wide range of voltage levels, handling up to +/- 300 V CAT II direct inputs. With input ranges from 1.25 mV/div to 40 V/div (10 vertical divisions) the ZT4210 covers an extremely wide range of voltage levels without the need for external signal conditioning (attenuators, probes, etc.). This is important in automated and remote test applications where it is difficult or impossible to quickly add/remove external conditioning.

Free instrument drivers from ZTEC help users easily integrate the ZT4210 series into ATE and embedded test systems. Drivers and programming support are available for key programming environments including LabVIEW, LabWindows/CVI, MATLAB, COM, Visual C/C++, Visual Studio and others.



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Additionally, ZTEC offers free ZScope™ control and display software and the ZFind instrument locator and configuration utility. The intuitive ZScope™ soft front panel application, with the look and feel of a benchtop instrument, gives users complete control of the instrument and displays acquired waveforms, math waveforms, and waveform parameter data. ZFind enables users to easily identify what ZTEC instruments are installed on the current host and even share instruments with other computers. ZFind also lets users send SCPI commands to connected instruments and read back information from those instruments.

Visit <http://www.ztecinstruments.com/zt4210> to learn more about ZTEC's ZT4210 series oscilloscopes.

## About ZTEC Instruments

ZTEC Instruments is a pioneering modular instrument company whose product focus is oscilloscopes and function generators. ZTEC products are unique in that they provide powerful benchtop instrument capabilities in modular instrument form factors, including PCI, CompactPCI/PXI, VXI, and LAN. For more information about ZTEC Instruments and how our products can address your test and measurement needs, please visit [www.ztecinstruments.com](http://www.ztecinstruments.com).