

**ZTEC Instruments**

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**ZT450 DSO Family**

The ZT450 family is a series of 8-bit, software compatible, high speed, low power modular digital storage oscilloscopes for PCI, CompactPCI/PXI, and VXI. Built on state-of-the-art data conversion technology with deep waveform memory, the ZT450 family delivers the best bench top oscilloscope performance in a modular instrumentation form factor.

The ZT450 family is available in several models that are designed to meet your specific application and budget needs. Combined with its ease of use and familiar bench top instrument features, the low cost option is ideal for those looking to take quick laboratory measurements. High performance options are available for advanced users developing specialized automated test systems.

**FEATURES:**

- Two-channel (PCI, PXI) or four-channel (VXI), 8-bit resolution, 500 MSps to 2.5 GSps max sample rates; 250 MHz to 1 GHz
- 250 MHz to 1 GHz max analog bandwidth
- Up to 32 MS memory (PCI, PXI) or 64 MS memory (VXI)
- Programmable signal conditioning
- Real-time signal processing
- Envelope and averaging acquisition modes; powerful triggering and multiple waveform capture and more!