



Digitizers

*Reliability,
accuracy and
dependability.*

DIGITIZERS

- Breakthrough in Price/Sample Rate!
- Breakthrough in Price/Bandwidth!
- Breakthrough in Price/Resolution!
- Breakthroughs in Record Lengths at Low and High Sample Rates!
- Industry's First VXIplug&play VXI Precision DSO
- 1, 2, 4 Channel Configurations

The Name That is a Scope

If you are acquiring signals in any part of the spectrum and need a DSO, the first name you'll hear is Tektronix. New for 1995, the TVS series redefines the dimensions of DSOs for VXI, including their virtual scope front panel operation and VXIplug&play easy programmability. Sacrifice neither bits of resolution, record length, nor sample rates with the TVS series, which ranges from the cost effective TVS521 to the "industry best" TVS545.

YOU'VE SEEN THEM BEFORE

Using the known and proven foundation of the TDS series technology, The TVS series' architects designed these instruments for very high throughput. Data analysis is simple with the high level command and function set of the instruments, so you will realize faster test program development and test times – whether you're acquiring one signal or ten-thousand. Reliability, accuracy, and dependability are the synonyms for the TVS line, just like the phrases "a Tek scope" and "a scope" mean one and the same.

VXI OSCILLOSCOPES, WAVEFORM DIGITIZERS, AND ANALOG TO DIGITAL CONVERTERS (ADC)

	Bandwidth	Channels	Sample Rate	Vertical Resolution	Record length
TVS525	1 GHz	2	1 GS/s	10	16 K
		1	2 GS/s	10	32 K
TVS545	1 GHz	4	1 GS/s	10	16 K
		2	2 GS/s	10	32 K
		1	4 GS/s	10	64 K
TVS521	1 GHz	2	500 MS/s	10	8 K
		1	1 GS/s	10	16 K
TVS541	1 GHz	4	500 MS/s	10	8 K
		2	1 GS/s	10	16 K
VX4240	5 MHz	1	10 MS/s	12	256 K to 1 M
VX4244	1.5 KHz	16	200 KS/s	16	64 K
		8	200 KS/s		128 K
		4	200 KS/s		256 K
DBS8700		1	200 KS/s	16	1 K FIFO w/DMA
		8	25 KS/s		
		128 w/DBS8710*1	1.56 KS/s		
		256 w/DBS8720*2	0.78 KS/s		
DBS8701		1	400 KS/s	16	1 K FIFO w/DMA
		8	50 KS/s		
		128 w/DBS8710*1	3.125 KS/s		
		256 w/DBS8720*2	1.56 KS/s		

*1 The DBS8710 is a 16 channel, sample and hold MUX that is controlled by the DBS8700 and DBS8701.

*2 The DBS8720 is a 32 channel MUX that is controlled by the DBS8700 and DBS8701.



TVS500 Series

TVS500 Series Waveform Analyzers

- 4 GS/s sample rate
- 1 GHz bandwidth
- 10-Bit resolution
- 64 K record length
- High Throughput
- Extensive Signal Processing
- Message Based VXIplug&play

See page 126 for more information.

For product detail, request a VXI Catalog by completing the business reply card in the back of this catalog.

APPLICATIONS

- Signal quality – Audio, Voice, Telephony
- Audio to very high speed signal analysis
- Very high volume/High test throughput