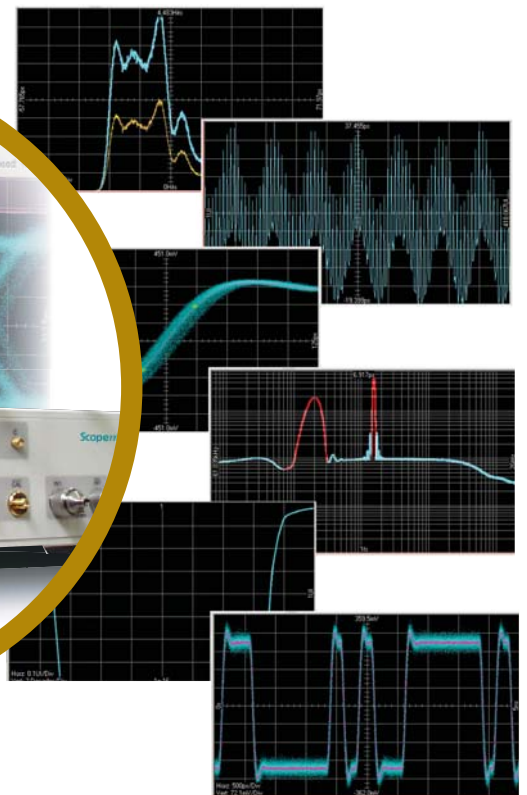
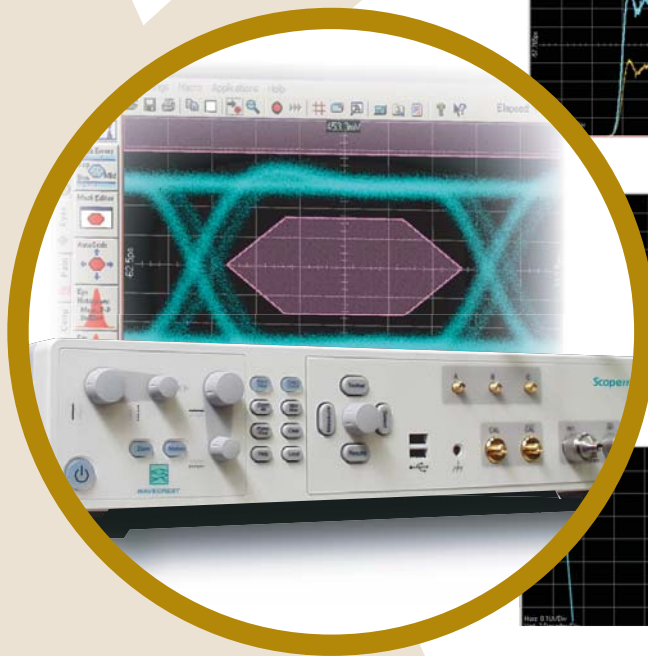


# ScopemaX™

## Expand the capabilities of your oscilloscope!

Take advantage of existing equipment by increasing the bandwidth capability of your real-time oscilloscope to 12.5 GHz while more than doubling its data rate. Now you can analyze next generation, high-speed serial data systems and decrease your cost of test!



Expand your current oscilloscope bandwidth to 12.5 GHz

More than double your data rate measurement capability

Save up to 75% in capital equipment upgrade costs

Enjoy easy-to-use, advanced analysis features



WAVECREST

Experience the features of high-end equipment on lower bandwidth oscilloscopes

View eye diagrams to 12.5 GHz bandwidth on your real-time scope

Obtain measurements at sampling scope resolution without external clock recovery or trigger

Measure jitter spectrum, RJ, DJ, TJ, and more, with easy-to-use software based on Wavecrest's industry leading technology

Make correlation between oscilloscopes from different vendors easier; **ScopemaX** provides a common interface and methodology

More than double the data rate capability of your oscilloscope to match your current bandwidth

3 GHz to > 3 Gbps  
6 GHz to > 6 Gbps

Wavecrest  
**ScopemaX™**



1-6+ GHz bandwidth oscilloscope



Tektronix



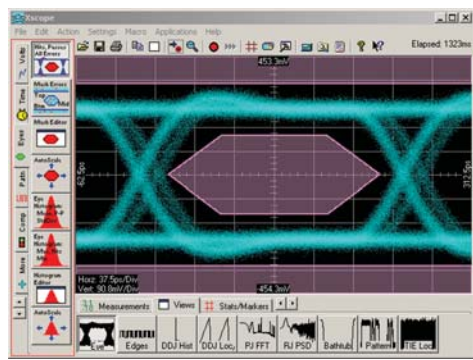
Agilent



LeCroy

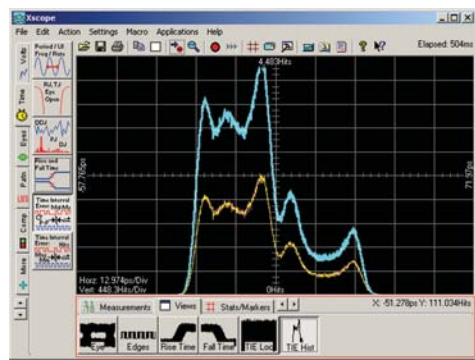


12.5 GHz bandwidth capability



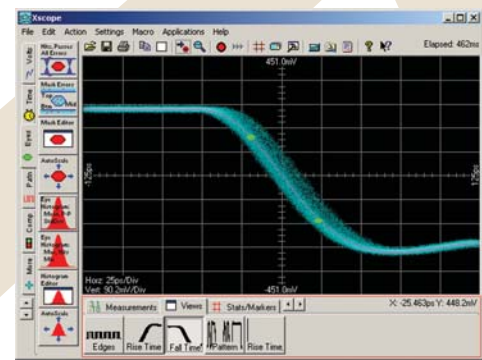
Eye Diagram / Mask

Creates eye diagrams without hardware clock recovery



Time Interval Error Histogram

Shows distribution of time interval errors around the ideal edge time



Transition Time

Measures and displays rise and fall times

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Agilent is a registered trademark of Agilent Technologies  
LeCroy is a registered trademark of LeCroy Corporation

## Decrease your cost of test

Why pay more than \$120,000 for 12.5 GHz test capability when you can expand your existing oscilloscope for a fraction of the cost?

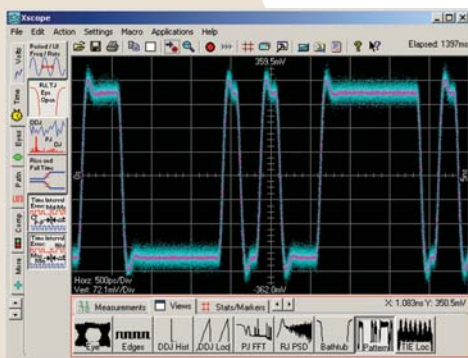
Save thousands of dollars in capital equipment budgets while decreasing your cost of test

## Compare your added benefits with **ScopemaX**

	2 GHz Real-Time Oscilloscope*		6 GHz Real-Time Oscilloscope**	
	RTO Alone	RTO w/ ScopemaX	RTO Alone	RTO w/ ScopemaX
<b>Bandwidth (GHz)</b>	2	12.5	6	12.5
<b>Data Rate (Gb/s)</b>	0.5	>2	<3	>6
<b>Rise Time (picoseconds)</b>	130	25	53	25
<b>Jitter Analysis</b>	Usually not available	Wavecrest's industry leading jitter analysis included	\$6K-\$15K software option	Wavecrest's industry leading jitter analysis included

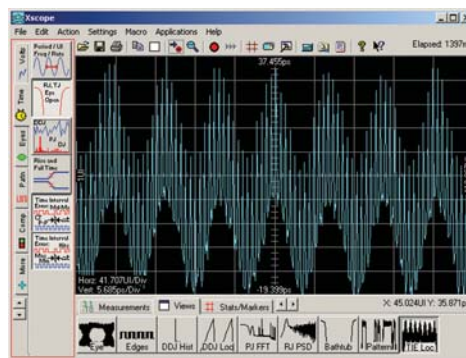
\* 10 Gsa/second sampling data on 2 channels

\*\* 20 Gsa/second sampling data on 2 channels



**Data Waveform**

Displays live traffic or repeating patterns



**Time Interval Error**

Provides one-shot time interval error records

ScopemaX includes hardware and software for under \$36,000



## WAVECREST

Be certain of the signal you send.

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**ScopemaX** performance stated in this brochure covers the majority of oscilloscope families. Performance with a small number of oscilloscopes may differ due to their unique sampling rates and bandwidths.

Specifications subject to change without notice

ScopemaXbroch\_BK\_r3