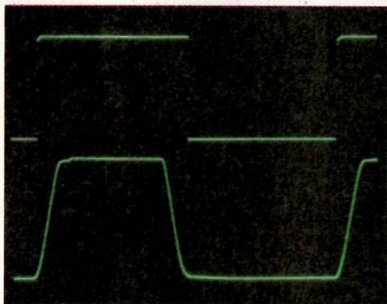


Now There's a New Standard in Automatic Waveform Measurement: the 7612D Programmable Digitizer.

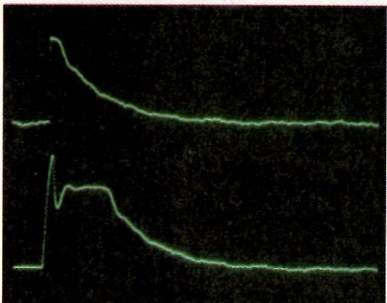
Full performance on two channels.

The Tektronix 7612D sets new standards for accuracy and measurement power in waveform digitizers. This 8-bit dual-channel dual time-base digitizer samples at rates up to 200 MHz. With crystal-controlled clock, high capacity internal memory, and full programmability, the 7612D measures up to the most demanding signal processing needs.

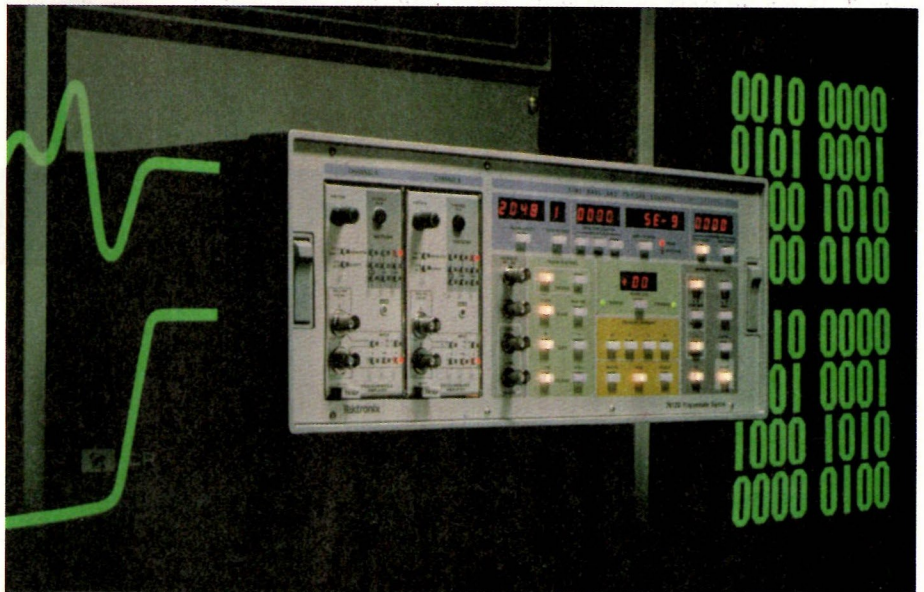
What's more, you get that performance on two channels. You can set them individually – remotely or via the front panel. Even read data from one channel while the other is acquiring data.



The complete period of a signal (top trace) is recorded at 200 ns; by changing the sample rate to 10 ns during rise and fall times and 800 ns during the plateau (bottom trace), you can measure rise time, fall time, pulse width, and interval accurately on a single shot signal.



A decaying signal recorded at a 10 μ s sampling rate (top trace); the same signal can be recorded at a 100 ns sampling rate during the initial portion, and switched back to a 10 μ s sampling rate (bottom trace), to capture all information on a single shot signal.



Easily captures the signals you want.

The 7612D provides measurement versatility that goes beyond the power of conventional oscilloscopes. Its variable sampling rate can be used to examine waveform components of interest and even capture signals with multiple echoes. All in one shot, with the touch of a few buttons.

You can capture successive randomly occurring signals by partitioning each channel into 2 to 8 records. And, to examine waveform components before or after the trigger, use the variable pre-/post trigger.

Microprocessor control and GPIB compatibility for automated operation.

Fully programmable, the 7612D can be easily integrated into an automated measurement system with a GPIB compatible controller and specialized instruments. Computer control enables highly repeatable measurements and reduces human error. For maximum measuring and

processing power, use the 7612D in a complete Signal Processing System from Tektronix. Integrated system components work together to acquire signals, make computations, and then display, document, and store your results.

For a free brochure on how the 7612D measures up against your waveform acquisition needs, call your nearest Tektronix Field Office or write: Signal Processing Systems

Europe, Africa,
Middle East
Tektronix Europe B.V.
Post Box 827
1180 AV Amstelveen
The Netherlands
Telex: 18312

Canada
Tektronix Canada, Inc.
P.O. Box 6500
Barrie, Ontario L4M4V3
Phone: 705/737-2700

U.S.A., Asia, Australia, Central &
South America, Japan
Tektronix, Inc.
P.O. Box 4828
Portland, Oregon 97208
Phone: 800/547-1512
Oregon only: 800/644-9051
Telex: 910-467-8708
Cable: TEKTRONIX

Copyright©1982, Tektronix, Inc. All rights reserved 880-1

Tektronix®
COMMITTED TO EXCELLENCE