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Tek's Plug-in Programmable Digitizer: dividends beyond space and time!

Just plug the 7D20 Waveform Digitizer into your Tek 7000 Series mainframe to add a new, fully programmable dimension to your scope. It's a dimension that requires no additional space on the bench or rack.

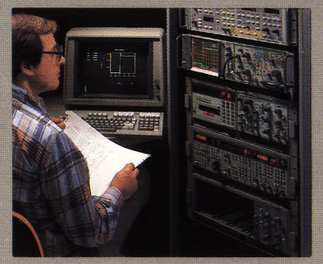
It takes less time to learn, because it's part of the familiar 7000 Series package.

It not only makes better use of your space and time. It helps you get more out of your automated test system, your personnel, and your system investment, all for the price of a plug-in.

Not least, it assures you the superb documentation and long-lived product support that's made Tek scopes the choice for all kinds of avionic test systems. Tek engineering has also meant long life cycles—to which you can add our reliable, long-term service and component availability worldwide.

And because it's part of the Tek 7000 Series, it's also part of a multi-dimensional, reconfigurable, continually expandable instrument line.

In performance, programmability and ease of interfacing, the 7D20 eclipses far more costly digitizers. Configure it with as much or as little operator control as required.



The 7D20 command set conforms fully to TEK Standard Codes & Formats for easy to write self documenting programs which simplify system integration.

You can record, display and compare two channels of simultaneous events, store up to six waveforms and front panel setups with on-board memory. Bandwidth is up to 10 MHz for single-shot phenomena and 70 MHz for repetitive signals, with a sampling rate of up to 40 MHz.

The 7D20's envelope mode automatically captures subtle variations among random events and reveals difficult-to-detect amplitude and frequency deviations such as jitter or a missing pulse.

Of course, Tek Standard Codes & Formats considerably simplifies your interfacing efforts. It goes far beyond the electrical and mechanical conventions defined by IEEE-488 by assuring a consistent interface between all Tek instruments and a logical, mnemonic program language syntax.

The 7D20 is designed to fit both benchtop and rackmount 7000 Series mainframes. The 7D20 and the rackmount R7603 make an excellent package for automated or computer-controlled test systems. As the 7D20T, it is mounted in a lightweight, half-rack modular package that saves space, provides rear access to inputs, improves portability. Rack two 7D20T units side by side, or one next to a monitor or other device.

Your Tek sales representative will be happy to tell you more about the 7D20. And about our many other test system components. For literature and complete technical specifications, contact:

U.S.A., Asia, Australia, Central & South America, Japan
Tektronix, Inc.
P.O. Box 1700
Beaverton, OR 97075
Phone: 800/547-1512
Oregon only: 800/452-1877
Europe, Africa, Middle East
Tektronix Europe B.V.
Postbox 827
1180 AV Amstelveen
The Netherlands
Telex: 18312-18328
Canada
Tektronix Canada Inc.
P.O. Box 6500
Barrie, Ontario L4M 4V3
Phone: 705/737-2700

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