

## Data Precision 6100/D1000



### Universal Waveform Analyzer

- Standalone automated waveform acquisition, analysis, processing and storage
- Front panel access to more than 50 processing function
- Real-time signal processing and spectral analysis
- Digital signal processing
- Interchangeable front end plug-in digitizers

#### Model 620-1 Plug In Digitizer included

- 100 MHz dual-channel, transient capture plug-in digitizer
- Input - Number of Channels: 2, independent
- Input Ranges (Full Scale):  $\pm 1V$ ,  $\pm 3V$
- Resolution: 8 bits each channel
- Performance: full power bandwidth (3 dB) 20 Hz
- Maximum Sampling Rate: One channel, 100 MHz; Two channels, 50 MHz each channel
- Timebase Number: 2, independent
- Frame Size: up to 32k points/record

#### Other Plug Ins also available

- Up to 16 bit resolution
- Up to 100 GHz sampling interval

#### Model D-1000: Dual Channel, Wide-band, Preamplifier (available as an option)

- Number of Channels: 2 independent
- Input Isolation: Floating
- Input Full Scale Ranges:  $\pm 0.05V$  to  $\pm 20V$
- Frequency Response: 35 MHz @ -3 dB

