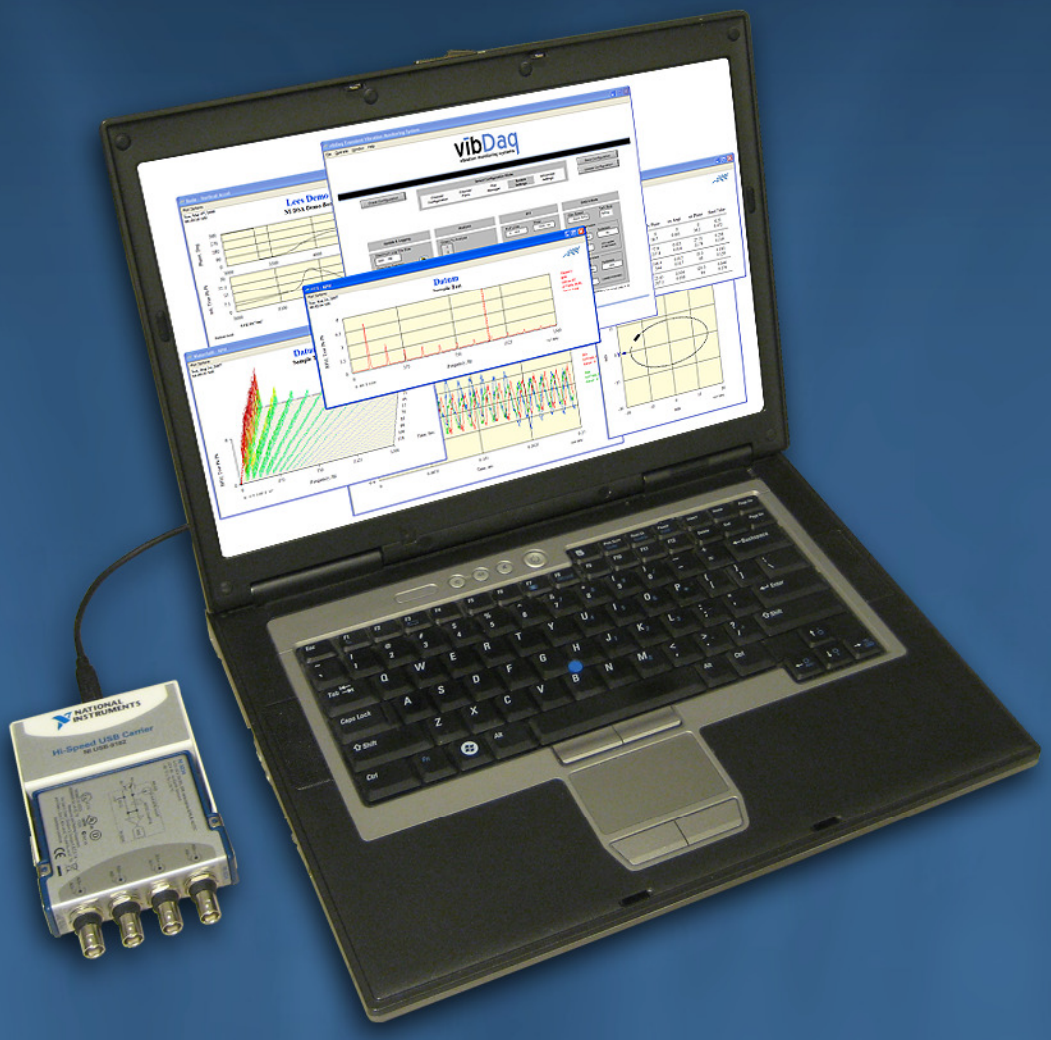
vibDaq

vibration monitoring systems

LabVIEW-based Vibration Solutions

vibDaq transient

Base System
now only
$4597



3070 Kerner Blvd, Ste. B • San Rafael, CA 94901 • Tel: (415) 258-9400 • www.vibdaq.com

specifications

vibDaq Transient Base System

Designed for easy viewing, logging and analysis of vibration data

Plots generated from live or logged data

- Supported plot types include Waveform, FFT, Waterfall, Bode, Polar, Orbit, Shaft Centerline, Trend and Feature Table
- View any number of plots in floating windows

Event-based data logging

- Automatically log data to disk based upon user-defined triggers
- Configure independent logging criteria for vector data and waveform data

Easy-to-use configuration dialogs

- Save your settings to configuration files

Data acquisition hardware from National Instruments

- USB-based for simplicity and portability
- Bus-powered, so no external power supply is necessary
- COTS hardware is reliable and low-cost

National Instruments LabVIEW®-based application

- Utilizes advanced toolkits for even-angle resampling and order tracking
- Modular code base can be customized to meet the specific needs of your application

Supported probe types include:

- Proximity probes (radial vibration, thrust position)
- Accelerometers (with IEPE provided)
- Velocity probe
- Optical tachometer
- Other (any voltage output sensor within the input voltage range)

Hardware

Channel Count	4
Acquisition Rate	Up to 51.2 kHz per channel
Acquisition Method	Simultaneous
Analog to Digital Resolution	24 bits
Input Range	±5 volts
Input Coupling	AC or DC per channel
IEPE Power	ON or OFF per channel
Antialiasing Filter	Yes
Sensor Connection	BNC