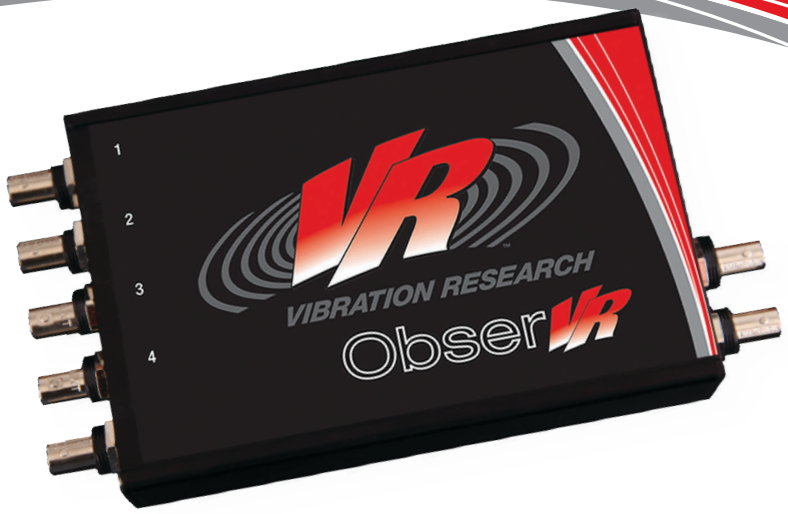
# ObserVR

# Portable Data Acquisition and Analysis Reporter

Go from Field-to-Lab-to-Report with the ObserVR using the familiar VibrationVIEW software interface.




| Hardware Specifications | |
|---|---|
| Channels | 4, single-ended simultaneous |
| Resolution | 24-bit with A/D converters |
| Current Source | 4mA |
| Sample Rate | Up to 52kHz |
| DC Coupling | Yes |
| IEE Inputs | Yes |
| Connectors | BNC |
| Power | Via USB |

| Software Specifications | |
|---|---|
| Version | VibrationVIEW 10 or above |
| Analyzer | Standard |
| RecorderVIEW | Optional |
| Random Import | Optional |
| Fatigue Damage | Optional |
| Transient Capture | Optional |
| SRS | Optional |

## Features

USB connection

Streams data to the laptop/PC's hard drive

Four simultaneous A/D channels for high resolution

IEPE inputs accepted and powered with a 4mA current source

Up to 52kHz sampling rate per channel

Includes Analyzer software capabilities

Works with RecorderVIEW, Random Import, Fatigue Damage Spectrum (FDS), Shock Transient Capture and SRS (Shock Response Spectra)

## Seamless Integration with VR9500 Controller

The ObserVR records data directly to your laptop using the familiar VibrationVIEW software. Once you've collected your data, you connect your laptop to the VR9500 controller, process the recorded data file to either an FDS, random or time history test profile and begin testing on your shaker right away.

## Fatigue Damage Spectrum (FDS) option – How long should you run your random test?

Finally a tool to do something with that data you've collected. Our FDS package allows you to measure the amount of fatigue in your recorded data and calculate how long you should run that test to obtain the equivalent fatigue in your product's useful life.

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