

# Portable Data Collectors

Our Bulletin 1441 Dynamix™ 2500 portable data collectors can measure, process, display, and store a variety of analysis functions. They can support your predictive maintenance efforts and provide key machinery vibration diagnostics.



## Features

- Offers Mil 810 spec drop rating and IP65 sealing (dustproof and waterproof)
- Operates in -10...50 °C (14...122 °F) temperature ranges
- Includes sunlight-visible color LCD
- Provides 128 MB internal memory
- Supports Secure Digital (SD) cards up to 16 GB
- Works with Emonitor® predictive maintenance analysis software
- Includes data collector, battery, global power supply, communication cable splitter, hand strap, dust cap set, transit case, rubber bump sleeve, and operating system CD

## Certifications

- CE
- CSA
- C-Tick
- c-UL-us

## Software

Use [Emonitor software](#) for predictive maintenance analysis.

## Learn More

Additional software products are available from [Rockwell Software](#).

## Applications

The Dynamix™ 2500 Data Collectors are ideal for trending and diagnostic machinery vibration measurements on fans, pumps, motors, compressors, conveyors, mixers, centrifuges, hammer mills, and gearboxes. These collectors are also ideal in field analysis for:

- Machinery unbalance

- Resonance issues including poor foundations, machinery running speeds set too close to structural frequencies, and piping- and/or process-induced frequencies
- Machine motion during start-up or coast-down
- Time recordings of a machine's vibration for remote analysis
- Multichannel machine train (using the off-route mode, can gather and compare as many as 4 channels of vibration data)

[Condition Monitoring Case Studies](#) — View our case studies site to discover how customers have applied Allen-Bradley Condition Monitoring products in their applications.

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