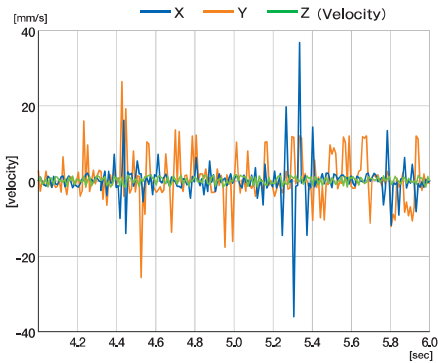


You can use the data to fit your custom needs.

Data of all three axes (X, Y, Z) acceleration for a total of 96,000 points can be downloaded in about 2 seconds.

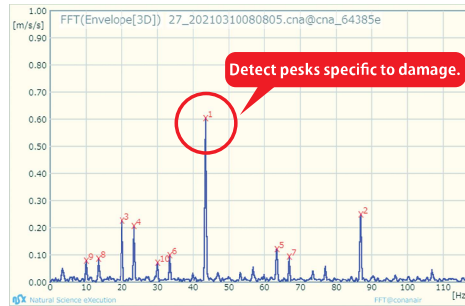
Oscillatory waveform



※This graph zooms a measurement for data tracked within 2 seconds of a 10-second timeline.

Data can be useful for FFT and various kinds of analysis.

Frequency analysis



Measuring Objects

Can be used to monitor motors, pumps, vacuum pumps, blowers, compressors, freezers, cooling towers, air conditioners, agitators, grinders, centrifugal separators, speed reducers, rotating shaft's imbalance, misalignment and wobble.

For example: ISO value (ISO10816-1:1995) is only for reference Trend management by continuous measurement is needed rather than judgement based on absolute value.



USB power source model

Battery-operated model

Model: CNA-WLVS-02L
 Acceleration Range(m/sec²): ±160
 Axis of Measurement: 3-axis (X, Y, Z) and 3D
 Component Value
 Acceleration Response (Hz): 0~1000(-3db)
 Sampling Rate (Hz): 3200
 A/D Resolution: 13bit
 Networking: Wi-Fi IEEE 802.11b/g/n(2.4GHz)
 Power Supply: Non-Rechargeable Li-Ion Battery CR2x1p
 Operation Time: Continuous - 8hours, Intermittent 1 year (Daily Once Measurement)
 Electric Consumption(mA):100

Size(mm): 65×52×27(32)(with magnet)
 Weight(g): 54(77) (with magnet and battery)
 Ingress Protection Rating: IP67
 Temperature Range(C): -10~60°C
 Browsers: Google Chrome [Recommended]
 Microsoft Edge (Windows10)
 Safari
 ※Internet Explorer is not supported.
 Attachment CD: Excel Graph Sheet/CSV conversion/FFT Output Application
 Automatic Base Station Application



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Wi-Fi Vibration monitoring system conanair



Powerful and affordable vibration sensor
That fits in the palm of your hand.



Japan Institute of Plant Maintenance
 2020 TPM Award for Excellent in Production
 <effective award>

Decrease the risk of operation failure by **predictive maintenance using vibration monitoring**. It's easy to get started.

Easy to monitor through a browser.



No application required
Anyone can use it!

Fits in your palm!
Easy to set up



Waterproof
Maintenance-free
Completely wireless
Attaches magnetically

Data can be utilized.

- Peak data and the average for 10 seconds is shown. (Sampling frequency:3,200Hz)
- Acceleration data for three axes (X, Y, Z) up to 1,000Hz can be saved.
- CSV data can be used for many applications and analysis, as well as FFT!
- Data can be used by Excel.

● Manual Operation

Measurement can be performed on smartphones and tablets.

◆ It is operated by web browser. No application required



You can use Wi-Fi with Conanair without needing to change the security settings of your office network.



Acceleration data from all three axes can be shown and used.

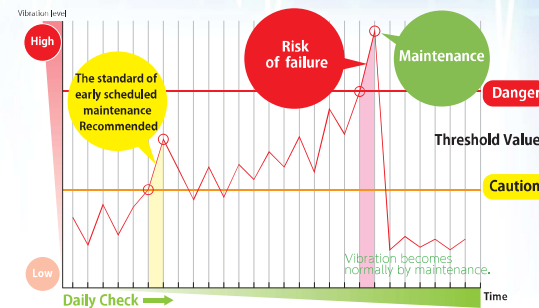
速度 [mm/s]	
Peak	RMS
33.862	1.590
29.126	2.310
80.588	3.283
115.403	4.318

Diagnosis is possible without any guesswork.

Warning and alarming values can be set for each measuring points.

What you can see by vibration measurement.

Prediction image by digitization and scheduled measurement



- ◆ State of the motor and pump can be shown, including degradation.
- ◆ Vibrations increase with machine degradation.
- ◆ Planned maintenance to prevent sudden stops.
- ◆ Slight deviations can be detected and measured by relative measurement.

● Automatic Operation

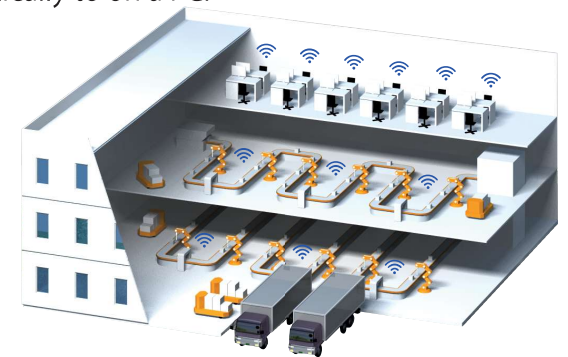
Automatic remote measurement

Measurements can be set up to automatically happen at anytime desired.

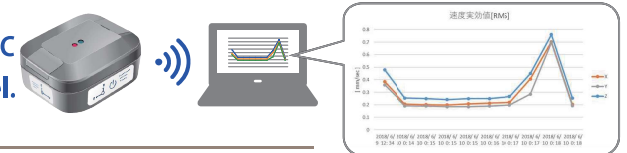
Automatic measurement can save time and decrease the danger to your employees.

If you connect conanair to the Wi-Fi you can collect data automatically to on a PC.

- ◆ Set up to 100 conanairs on the PC.
- ◆ Raw and processed data can be saved automatically to your PC.
- ◆ Excel macro for trend management, a CSV conversion tool and FFT application are included.



Data can be saved to a PC and managed with Excel.



Status can be monitored by using a PC!

