

Low Cost Wi-Fi Vibration Sensor conanair

- Easy Operation, Small Vibration Monitoring Device
- Waterproof IP67 / Long Life Battery

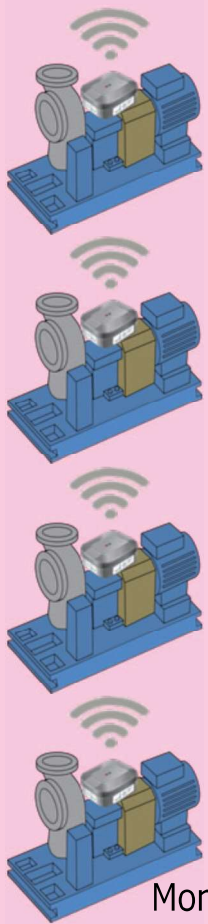
Manual Operation

Can measure up to 100 different locations with one conanair



Fully Automatic

Easy installation up to 100 conanairs per Base station. (Single Pc)



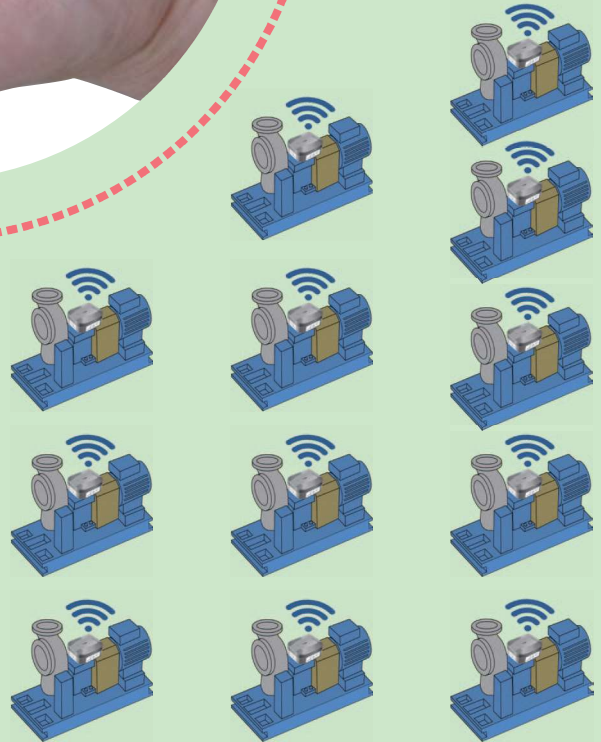
Smartphone
(Tablet or PC)



Patrol with
a conanair

Monitors
Machine Health

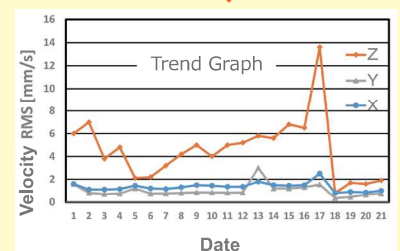
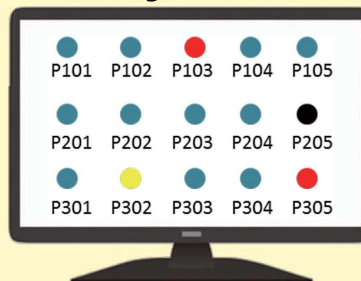
Manual / Auto
can be used together



Monitors
Machine Health



Monitoring



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JAPAN

Mini Wi-Fi Vibration Measurement Device [conanair]

Model		CNA-WLVS-02L
Acceleration Range	m/sec ²	±160
Axis of Measurement		3-axis (X,Y,Z) and 3D Composite Value
Acceleration Response	Hz	10~1,000, In case of HPF bypass ; 0~1,000 (-3db in both cases)
Sampling Rate	Hz	3,200
A/D Resolution		13bit
Networking		Wi-Fi IEEE 802.11b/g/n (2.4GHz)
Power Supply		Non-Rechargeable Li-Ion Battery CR2 x 1pc
Operation time	Continuous	8 hours (Not Continuous Measuring)
	Intermittent	4 years (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 to 60 °C
Certificate		CE , FCC
Browsers		Google Chrome [Recommended] Microsooft Edge Safari *Internet Explorer is not supported.

Manual Operation

- Easy Operation by Browsers on Smartphone, Tablet or PC. No application required!
- Accelerations, Velocities and 3D Composite Values are indicated.
- Acceleration and Velocity Waveform Graphs of X, Y, Z axes are shown.
- FFT (Fast Fourier Transform) frequency analysis application is included.
- Acceleration Wave Data and their Summary Data can be downloaded in 2 seconds.
- Evaluation of machine vibration based on ISO 10816 is possible.
- Each Measuring Point can have Warning and Alarming values.

Automatic Operation

- Battery Life is 4Years based on Single Measurement of 10 seconds a Day.
- Acceleration Wave Data and their Summary Data are automatically saved on a PC through Wi-Fi.
- Data Acquisition Interval is easily set on the Text File. (Max. 100 conanairs)
- Excel Macro example for Trend Graph is also attached.

Inquire to:

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Animation



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