

ANALYSE · DIAGNOSE · REPORT · ANYWHERE

# Professional vibration analysis, right in your hand

Turn any phone or tablet into a portable analyser. Capture machine vibration with a precision digital accelerometer, diagnose faults on the spot, and back every reading up to the cloud.



**1,000+**  
field installs

**30+**  
countries deployed

**5**  
vibration parameters

**ISO 10816**  
alarm zones built in

## WHY VIBANALYSE

### Catch failures before they cost you

VibAnalyse is one of the most comprehensive field vibration analysers available, pairing the portability of a modern mobile device with the precision of a digital accelerometer and the convenience of the cloud. Perform on-the-spot analysis and diagnostics so costly equipment failure can be avoided - then save, review and share every result.



#### On-the-spot diagnosis

RMS values, FFT spectra and ISO alarm zones computed live on the device - know a machine's condition before you leave it.



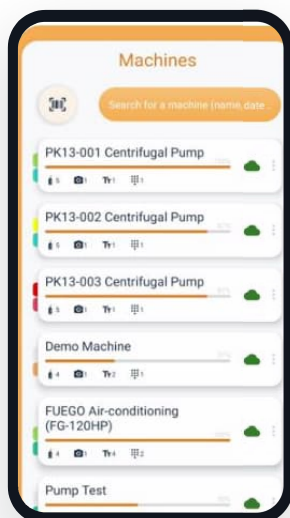
#### No bulky hardware

Just your phone and a calibrated digital accelerometer. Full processor power means fast, optimised data collection in the field.

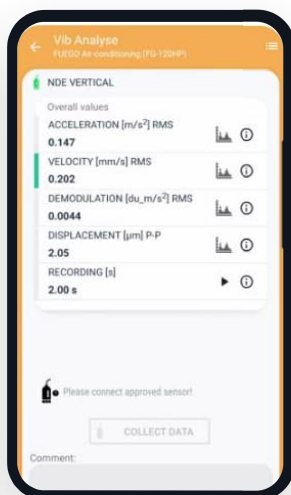


#### Selective cloud sync

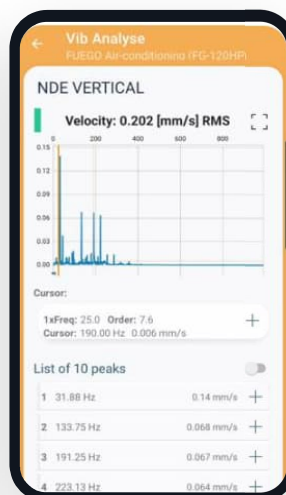
You choose which machines and measurements get uploaded. Once in the cloud, open them in the VibAnalyse web portal for deeper analysis and long-term records.



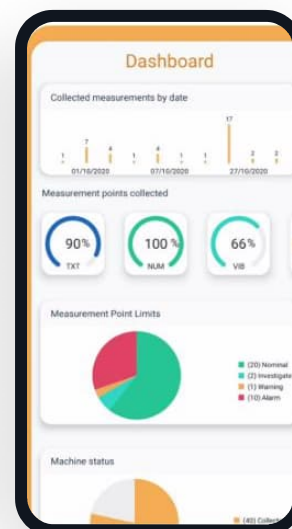
Asset register



Overall readings



FFT spectrum



Health dashboard

## CAPABILITIES

### Everything you need in the field



#### Build & capture

- Create machines and an asset register on the go
- Record machine details: barcode, GPS, nameplate, photo and 1×Freq
- Configure measurement points and signal processing on the device
- Collect text, numeric values and images alongside vibration
- Add comments to every measurement point



#### Measure

- Acceleration, velocity, demodulation and displacement
- Time-waveform recording with acceleration playback
- Fully optimised algorithms using full processor potential
- Fast, repeatable data collection in the field
- Works with precision digital accelerometers



#### Analyse on-device

- Overall RMS values
- ISO 10816 velocity alarm zones
- FFT spectra with a single movable cursor
- Automatic detection of the 10 highest spectral peaks
- Order / frequency cursor for fault identification



#### Report & sync

- Record equipment condition, findings and recommendations
- Generate a PDF report directly from the device
- Cloud backup - save, review and share findings anywhere
- Companion web portal for review on a PC
- No data shared with third parties; encrypted in transit

## HOW IT WORKS Sensor to report in four steps

### 1 Connect

Plug in a digital accelerometer

### 2 Capture

Create the machine, collect data

### 3 Diagnose

Read RMS, spectra & ISO zones

### 4 Report & sync

Generate a PDF, sync to cloud

## SPECIFICATIONS

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| Platform                 | Android phones & tablets                                                                  |
| Compatible sensors       | USB Digiducer 333D01 · BT Sensor-Works<br>BluVib · ICP® USB signal conditioner (485B39)   |
| Vibration parameters     | Acceleration, velocity, demodulation, displacement, time waveform                         |
| On-device analysis       | Overall RMS · FFT spectra · single cursor · top-10 peaks · 1×Freq · ISO 10816 alarm zones |
| Data captured            | Vibration, numeric, text, photo, GPS, barcode                                             |
| Connectivity & reporting | Cloud backup + companion web portal · on-device PDF reports                               |
| Licensing                | Subscription · free for evaluation · 50% academic discount                                |

### Part of the VibCloud platform

**FREE**

#### VibeCheck

Overall vibration meter

**YOU ARE HERE**

#### VibAnalyse

Field analyser + cloud backup

**PRO**

#### VibCloud

Route-based analysis system

**ONLINE**

#### VibCloud Online

Wireless online monitoring

## One machine, free for evaluation

Measure all you like, with no time limit. Subscribe to add more machines or points.

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