

PRODUCT SHEET

FK14/18 Field Kit

Wireless sensors that
never run out of battery



ANURA™ Field

FK14/18 Field Kit

Portable monitoring kits for Vibrating Screens –
anywhere you need it.



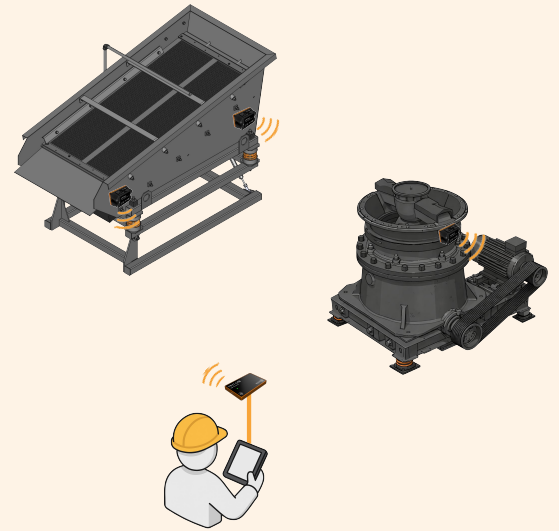
Get in touch to discuss your needs
contact@revibeenergy.com | www.revibeenergy.com



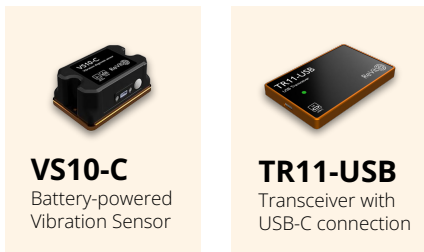
Optimize performance with in-field testing

Portable field diagnostics kit with 4 (FK14) or 8 (FK18) VS10-C sensors and a TR11-USB transceiver for multi-point temporary vibration measurements using Vibreshark software or the ANURA Connect mobile app.

- ✓ Light and portable sensors for on-the-go measurements
- ✓ Durable design - built for harsh environments
- ✓ Reliable data for informed decision-making
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Hardware components



Software for analytics

Analyze vibration data with **Vibreshark** on laptop or tablet.



Field diagnostics for vibrating screens

Built for engineers working on the move – from FAT/SAT and commissioning to R&D validation, condition monitoring, and predictive maintenance – ANURA Field delivers reliable vibration data wherever it is needed.

The ANURA Field kits are available in two configurations. **FK14 Field Kit** – Includes four VS10-C sensors and one TR11-USB transceiver, supplied in a custom-designed field case for efficient and practical on-site use. **FK18 Field Kit** – Includes eight VS10-C sensors and one TR11-USB transceiver, also delivered in a custom-designed field case.

Both kits are designed for in-field operation and are used together with built-in analytics in the **Vibreshark** analytics software.



The FK14 and FK18 kits can be expanded with additional sensors as required, depending on application needs and project scope.



TECHNICAL SPECIFICATIONS



VS10-C Vibration Sensor

Power supply	Rechargeable battery, USB-C
Time Synchronization	<5µs
Accelerometer	3-axis MEMS, +/- 16g range
Sample rate	Up to 16 kHz
Dimensions (LxWxH)	90 x 60 x 38 mm
Ingress Protection	IP67
Operating Temperature	-40 °C to +80 °C
Weight	250 g
Mounting	2 x magnet mounts. Screw, adhesive tape or glue possible
Communication	2.4 GHz, 50 m line of sight



TR11-USB Transceiver

Interface	USB-C
Connectivity	Wireless 2.4 GHz for sensors
Supported sensors	Up to 8 Anura sensors
Time Synchronization	<5µs
Operating system	Windows/Linux (Bluetooth-enabled PC/tablet)
Dimensions (LxWxH)	86 x 54 x 8 mm



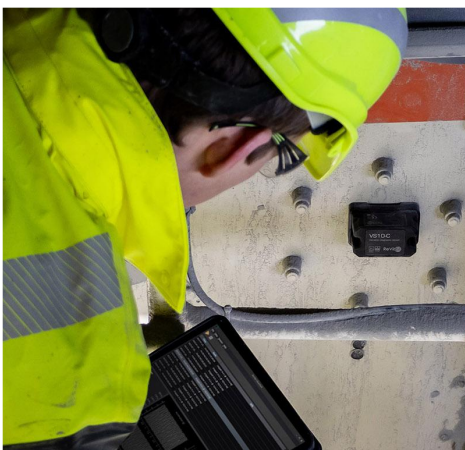
Field case

Type / material	Softshell case / PU
Weight	550 g (case only)
Dimensions (LxWxH)	170 x 240 x 85 mm

Sensor-calculated values

All values are measured and calculated in the sensors nodes, in X, Y and Z axes.

- RMS acceleration
- Peak amplitude of acceleration
- Frequency of the highest spectral peak
- Peak-to-peak amplitude of displacement
- Maximum recorded acc
- Root mean square amplitude of velocity
- Planar stroke calculated with method A
- Root mean square amplitude of acceleration
- Crest factor of acceleration
- Peak amplitude of velocity
- Planar stroke calculated with method B



VIBRATION MONITORING SOFTWARES



Vibreshark

Vibreshark seamlessly integrates with ANURA sensors to provide real-time machine diagnostics and deep data insights – all through a flexible and intuitive interface.

- ✓ Visualize synchronized data from up to 8 sensors.
- ✓ Analyze frequencies with FFT and orbit plots.
- ✓ Detect natural frequencies with hammer testing.

