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LUDECA

Keep it running.



Sensotek Chi[®]

Machine Service Tool

Sensotek Chi[®] provides innovative machine health monitoring for industrial applications. Chi combines a proprietary means of transmitting data with professional software and robust hardware for wireless condition monitoring analysis.



MANUFACTURING



CONSTRUCTION

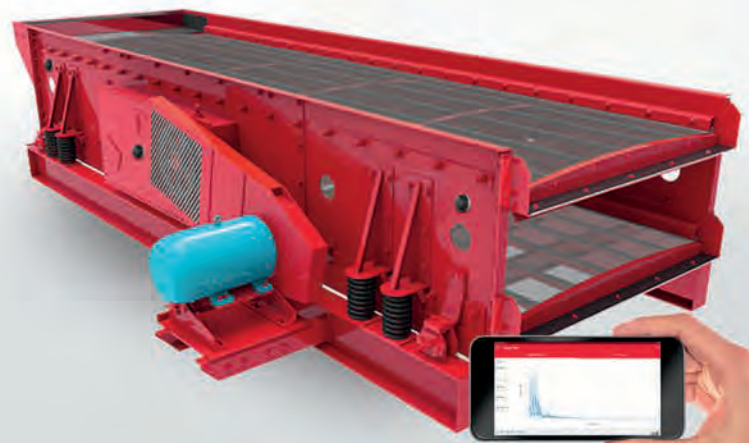


MINING

Chi has been designed as a companion for technicians, installers and manufacturers to quickly assess machinery in the field or before it leaves the factory. It's suitable for all machine types that have a rotating element or generate a cyclical pattern and proven to work in all industries.

Analyse stroke plots, time domain waveforms and high resolution spectrums all in a matter of seconds on any Android device, and send data to the cloud for more advanced features on the Sensotek Analytix platform.

Connect to multiple sensors at once to compare readings and gain further insights into your machines' health.



Sensor Specifications

Detects

- ▶ Stroke Length & Angle
- ▶ Bearing Failures
- ▶ Natural Frequencies
- ▶ Machine Faults

Key Measurements

- ▶ Vibration Analysis (Waveforms & Spectrums)
- ▶ Stroke Analysis (Stroke Length, Angle and Forces)
- ▶ Hammer Test (Natural Frequencies)

2.5 kHz

Fmax (X, Y, Z)

32G

Peak-Peak Vibration Range

IP64

Environmental Protection

10+ Hours

Battery Life on Full Charge