

Vibro 1030

Data Collector

The Vibro1030 is a hand-held, battery powered and overall Vibration meter. TheVibro1030 is ideal for use in predictive maintenance programs aimed at improving machinery reliability and enhancing productivity. This lightweight, cost effective meter provides the most common features required for overall vibration severity testing per ISO 10816.

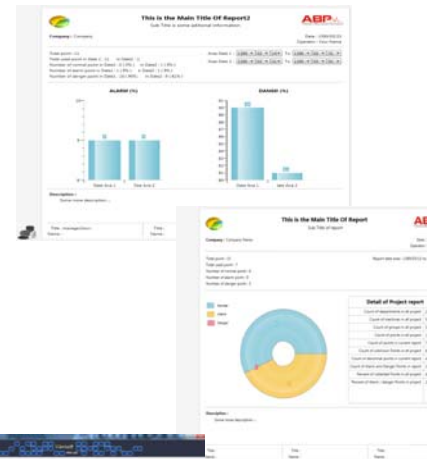


Technical Data

- Measurement of the overall vibration value (acceleration, velocity, displacement)
- Measurement types
 - RMS value (RMS)
 - Peak value (Pk)
 - Peak-to-peak value (PP)
- Units of measurement: mm/s², mm/s, μm
- Input : 1 Independent measuring channel (ICP Accelerometer sensor AS200, 100mv/g)
- RS232 port for data transmission with DB9 cable
- 1 battery charger input
- Accuracy: 0.01 g ±1% for non integrated
0.1 mm/s ± 2% for single integrated
2 μm ± 3% for double integrated
- Dynamic range: 0.1 to 50 m/s²
- Magnet: 5000 G
- Industrial Case
- Measurement of the overall vibration value in predefined frequency bands (0-1500Hz)
- Resolution (1024 lines)
- General characteristics
 - Display: 75*45 mm, 128*64 pixels
 - Dimensions: 238*134*58 mm
 - Weight: approx. 690 gr with battery
- Operating Temperature: 0 to 60°C
- Power supply
- Rechargeable 1.8Ah Lithium battery
- Charging time: < 5 hours (when battery is fully discharged)
- Battery charger for 100-240 Vac, 50/60 Hz (8.4V DC, 0.71 A, 60W max)
- Battery charge: 3 hours based on typical use
- Memory: 512 Kbyte, 4800 point overall value, 64 FFT
- Route Software: Vibro-MPRO1030

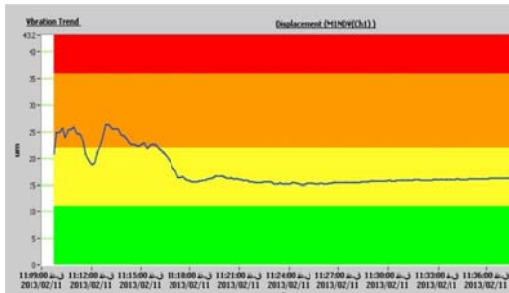
Vibro-MPRO1030 Software Features

- Create routes
- Remote update
- Time capture
- SQL Database
- Trend
- Report generation
- Spectrum
- Time signal



Application

- Rolling Element Bearings
- Motors AC/DC
- Pumps
- Gearboxes
- Compressors
- Fans



ABP VIBRO
 Vibration Measurement Systems
 PROTECTION & RELIABILITY
 OPTIMIZATION INSTRUMENT