

V-SAM VIBROMETER

Vibration signal analysis and measurement

Type: I2.8-4Ch-I6kH-M&T



Type: I2.8-4Ch-16kH

Product Specifications:

- Four channel vibration analyzers (two vibration channel – one taco channel- one temperature channel)
- FFT range up to 12800 lines.
- Frequency range DC-16 kHz
- Dynamic range 90 db
- Has intelligent S-SAM software for automatic detection of defects
- Ability to analyze the flow by connecting the current clamp
- Single page balancing
- Has a catalog of Bearings
- Root definition and tree diagram
- Connect to a computer via SAM Soft software
- Equipped with a stethoscope
- Equipped with stroboscope
- Equipped with 5 MP camera
- Equipped with Wi-Fi system
- An accelerometer sensor of 100 mv/g
- It has 8 GB of internal memory
- Weight 1.5 kg
- Dimensions 70 * 230 * 230
- 7-inch color touch screen
- It has a powerful battery with the ability to work for 8 hours
- Impact and waterproof case IP 67
- Magnetic base
- Portable tachometer with the ability to connect to the device
- Battery charger
- Special flash memory to connect the device to the computer

Ability to analyze:

- FFT Spectrum
- Time Signal
- Waterfall Diagram
- Colored Spectrum Overview
- ISO 10816
- ISO 2372
- ISO13373-3 Rolling element bearing severity chart
- Circular Plot & Orbit
- Trend Diagram

V-SAM Technology:

- ❖ **Intelligent and Advanced algorithm for bearing troubleshooting**
- ❖ **Exclusive module for gearbox analysis based on Intelligent and Advanced algorithm**
- ❖ **Exclusive module for induction electric motors analysis based on Intelligent and Advanced algorithm**

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Other features:

- Membrane Switch with backlight and LED indicator keyboard
- Membrane Switch keyboard material is Autotex/Grade F200/UL FILE No: E339035, that has a UL94 VTM-2 classification under the revised UL rules. (MacDermid-Autotype)
- Plastic Box properties and material
Material
Ultramid injection-molding grades with flame retardants (PA66)
The most important properties of Ultramid
High strength and rigidity - Very good impact strength - Outstanding resistance to chemicals - Low tendency to creep - Dimensional Stability - Simple processing.

This panel has successfully passed EMC-ESD & LVD tests.

