

EMIN

Testing & Measuring Everything

SENDIG - High Performance 2-Channel S932



Product Introduction

High Performance 2-Channel S932

Features:

- 2 channels simultaneous sampling & display
- True color TFT LCD display 320x240 pixels
- DSP-based real-time 12800-lines spectrum
- Full function analysis: startup-shutdown, shaft orbit, Bode, transfer, water-fall, tracking, average, trigger...

- Real peak, RMS, Askew & Kurtosis index ...
- Data storage: 200 collector data sets, 560 sections waveform & 50 balancing records
- Acceleration envelope demodulation for rolling bearing and gear-box diagnosis
- Full featured 1 and 2-planes field balancing (balancing process clarified by vector graph; trial weight estimation; can remain or remove trial; balancing weight can be split to 2 position)

Specifications:

- Input signal: 2 channels piezo-electric accelerometer and voltage for all other type vibration or other sensors such as sound meter, 1 trigger/tacho input
- Amplitude ranges & Frequency Response of overall value measurement:

Displacement	0.001 – 5 mm
peak-peak	10 - 500 Hz
Velocity	0.1 - 200mm/s
true RMS	10 - 1000 Hz
Acceleration	0.1 - 250m/s ²
peak	10 - 12.5kHz
Acceleration Envelope	0.1 - 20m/s ²
true RMS	5-1000Hz from 15-40 KHz
Voltage	0.1 - 10V peak-peak 10 - 12.5kHz
- Spectrum analysis: 100-12800 Lines, windows selectable
- Selectable ranging: Auto-range or manual-range for natural frequency testing
- Frequency range of analysis: 0.5Hz-25kHz (2 channels simultaneous)
- Notepad: 10 condition codes for visual inspection
- Output: USB for communication with PC
- Power: Li-ion rechargeable battery for 8 hours continuous operation
- Operating Environment: 0~50 Celsius degree, 90% humidity non-condensing
- Rotating speed measurement range(with Laser photocell sensor):60-60000 r/min
- Software come along: MCM3 condition monitoring & SDES diagnostic expert system
- Measurement accuracy: + 5%, Dynamic Range: 90dB
- Anti-aliasing filter: 8th order elliptic lowpass
- Dimensions: 26x21x6 cm; weight: 1.7 kg