

EMIN

Testing & Measuring Everything

SENDIG - S907 2-Channel Vibration Balancer



Product Introduction

2-Channel Vibration Analyzer/Balancer S907

Features:

- Easy to use data collector
- 2 channels simultaneous sampling & display

- On-site 400-lines FFT spectrum and waveform display; Transfer function analysis;
- Data storage: 62 1024-point time waveforms
and 240 data sets
- Acceleration envelope demodulation for rolling bearing and gear-box diagnosis
- On-site spectrum comparison function
- Inner or external trigger selectable
- Full featured 1 and 2-planes field balancing (10 sets balancing data storage; balancing process clarified by vector graph; trial weight estimation; can remain or remove trial after balancing; balancing weight decomposition)
- Balancing report automatic generation.
- S907 is the same instrument but without communication port for computer nor the software capability.

Specifications:

- Input signal: accelerometer and voltage, 2 channels
- Amplitude ranges & Frequency Response of overall 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 - 10000 Hz
Acceleration Envelope	0.1 - 20m/s ² true RMS	5-2000Hz from 15-40 KHz
Voltage	0.1 - 10V peak-peak	0.5 - 10000 Hz
- Amplitude spectrum analysis: 100 and 400 Lines, hanning windowed
- Frequency span of spectrum analysis: 100, 200, 500, 1k, 2k, 5k, 10kHz(1 channel only)
- Data storage: 62 1024-points time waveforms and 240 data sets
- Notepad: 10 condition codes for visual inspection
- Power: Ni-MH rechargeable battery for 8 hours continuous operation,
low battery voltage warning
- Operating Environment: 0~50 Celsius degree, 90% humidity non-condensing
- Rotating speed measurement range(with laser-aimed tacho sensor):180-24000 r/min
- Rotating speed range for balancing:60-8000 r/min
- Gain adjustment: both automatic-adjustment or manual- adjustment selectable
- Anti-aliasing filter: 8th order elliptic low-pass

·Dimensions: 21×13×4 cm; weight: 1.2 kg