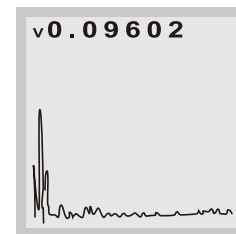
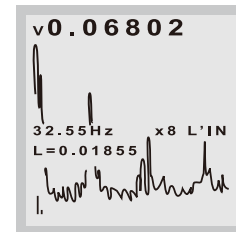


Compact FFT Vibrometer - 107B (with Spectrum)

- Universal vibration meter that measurement of Velocity, Acceleration, Displacement. FFT spectrum up to 800 lines resolution.
- Display of true RMS, peak acceleration, and Peak-to-Peak displacement values.
- Frequency range 2Hz to 10kHz, HPF (high pass filter) 2 or 10Hz, LPF (low pass filter) – between 100Hz to 10kHz (step - 100Hz, 1kHz).
- Rechargeable battery save to trouble of battery replacement and money.
- Automatic shut-off conserves battery power.
- Save 2Mb measured data and print record via USB cable and data management with window base PC softwear.



107B the compact and economical data collector with spectrum analyzer (FFT-800 lines, logarithmic/linear view) and measures machine vibration A, V, S. It is a simple and useful tool for the daily work of maintenance personnel, particularly for early detection of machine faults.

It helps to monitor the running condition of rotating machinery by means of vibration severity to ISO-10816.

Charge amplifier with programmable sensitivity (use any piezoelectric accelerometer with known sensitivity). IP 65 rugged housing with silicon protector to withstand for harsh environments.

The ConSpect software allow user to create A, V, S data report, FFT Spectrum and also trending result report

Guide for Velocity Threshold Readings

		mm/s rms				inch/s rms			
		11				0.44			
		7.1				0.28			
		4.5				0.18			
		3.5				0.11			
		2.8				0.07			
		2.3				0.04			
		1.4				0.03			
		0.71				0.02			
		mm/s rms				inch/s rms			
rigid	flexible	rigid	flexible	rigid	flexible	rigid	flexible	rigid	flexible
Pumps > 15KW radial, axial, mixed flow		Medium sized machines 15 kW < P ≤ 300 KW		Large machines 300 kW < P < 50 MW		<<<Foundation			
Integrated driver		External driver		Motors 160 mm ≤ H < 315 mm		Motors 315 mm ≤ H		ISO 10816	
Group 4		Group 3		Group 2		Group 1		<<<Group	
A Excellent, newly commissioned		C Improvement Required, restricted long-term operation		B Acceptable, unrestricted long-term operation		D Unacceptable, vibration causes damage			

