

# MODEL SVM-140 Vibration Meter

### Features:

- Reliable, portable, & economical vibration instrument
- Designed for onsite maintenance in plant or workshop environments
- Measures overall vibration level in units of velocity (rms), displacement (pk-pk), acceleration (pk) and **high frequency (pk) for bearing trending**
- One-button operation, hold feature & automatic power off
- External sensor uses 2" stinger or magnetic base for improved consistency of data for improved trending



### Specifications:

		SVM-140	SVM-140M
Measurement Range	ACCEL (pk).....	0 – 19.9 g's	0.1 - 199.9 m/s <sup>2</sup>
	VEL (RMS).....	0 – 9.9 ips	0.1 - 199.9 mm/sec
	DISPL (pk- pk).....	0 – 199.9 mils	1 - 1999 micron
	HF ACCEL (pk).....	0 – 19.9 g's	0.1 – 199.9 m/s <sup>2</sup>
Accuracy	+/-5%		
Frequency Response	Accel. (pk): 10-10 kHz / HF Accel: 1k-5kHz Velocity (rms): 10Hz – 1 kHz Displacement (peak-peak): 10 Hz – 500 Hz		
Display	3 1/2 digits LCD, refresh interval every second		
Power	9V battery (included)		
Battery Capacity	provides 25 / 10 hours of continuous operation		
Environmental	Operation Temperature: 0°C~50 °C; Relative Humidity: < 85%		
Size / Weight	13cm x 6cm x 2.3cm (W. x H. x D.) / 200 grams (including batteries)		
Case Material	Powder Coated Aluminum – for maximum corrosion resistance, lightest weight		

Optional Models: **SVM-140L** low frequency meter (1 Hz to 10 kHz, g's )  
**SVM-140IS** Intrinsically safe meter (Exib II BT6)  
**Add Stethoscope Function – incl. earphone cw interface cable**

### Kit includes:

- Vibration meter
- 2" Stinger
- Magnet base
- 1.5M straight sensor cable
- 1M coiled sensor cable
- Accelerometer (30-50 pC/g charge type sensor c/w M5 mtg thread)
- Carry case and strap
- 9V Battery (Installed)
- Calibration Certificate