

Smart Vibration Meters

Easily identify, bearing, balance, and alignment problems

These vibration meters allow you to conduct vibration analysis at the touch of a button. The economical and easy-to-use meters display color-coded alarm levels for ISO values and bearing damage (BDU) on the full color OLED display; green (good), yellow (caution), and red (stop).

Meters are perfect for applications that include commercial and industrial HVAC, food processing, manufacturing, mining, packaging, petrochemical, pulp and paper, power plants, utilities, automotive, and more. Units provide fast, reliable, and repeatable readings and are designed in a rugged IP67-rated waterproof body suitable for the most demanding environments.

- ISO built-in alarms
- Easily identify bearing problems with BDU reading
- Built-in band filters detect equipment problems:
- 1X (unbalance), 2X (misalignment), 3X (looseness)
- View complex issues with the 800-line FFT (spectrum) with zoom and cursor
- Full-color, high-contrast OLED display
- Nine languages
- Ruggedized IP67-rated design

Model 9080 Additional Features

- Trend data with included C-trend Lite software
- Standard cable mounded accelerometer with magnet
- Built-in *Bluetooth*™ communication capability
- USB docking station to download to a PC
- Easily collect and store data

new



65710-23

SPECIFICATIONS		
Model No.	9070	9080
Frequency range	ISO: 2/10 Hz to 1 kHz g: 2 Hz to 3 kHz	ISO: 2/10 Hz to 1 kHz g: 2 Hz to 10 kHz
Frequency resolution (FFT)	100 to 800 lines	
Frequency units	Hz, cpm, or rpm	
Amplitude units	Acceleration in g; velocity in inches per second or mm per second; bearing damage in BDU	
Input range	±50 g	±60 g
Dynamic range	72 dB	96 dB
VA bands	Auto setup	Auto setup
Accelerometer connection	Internal sensor	BNC connector cable with removable magnet (1 mV/g to 10,000 mV/g)
Communication	—	<i>Bluetooth</i> ® or USB docking station with cable to PC; data integration using C-Trend Lite software
Memory	—	200 readings (up to 10,000 with software)
Languages	English (default), French, Italian, Portuguese, Spanish, Turkish, Chinese, Japanese, and Korean	
Dimensions (W x H x D)	2½" x 8" x 1½" (58 x 203 x 38 mm)	
Power	Two AA batteries	
Battery life	2 years standby; 1500 measurements or approximately 50 hours of normal use	

What's included: Accelerometer with cable, USB docking station with USB cable (model 9080 only), C-Trend Lite software (model 9080 only), carrying pouch, and two AA batteries.

Catalog No.	Model No.	Description
TS-65710-23	9070	Vibration meter with stinger-tip accelerometer
TS-65710-24	9080	Vibration meter / data logger with magnet-mount accelerometer
Accessories		
TS-65710-28	A9073	Optional magnetic mount, ¼"-28 for model 9070
TS-09386-01		Replacement batteries, AA. 4/pk
TS-17111-66		NIST-traceable calibration with data
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