

Pen Vibration Meter

Measures RMS acceleration and velocity in metric and imperial units of measure

- Wide frequency range of 10 Hz to 1 kHz
- Zero adjustment
- Data hold freezes the reading in the display
- Water and dust resistant to IP65
- Low battery indicator

SPECIFICATIONS	
Acceleration (RMS)	656 ft/s ² , 20.39 g, 200 m/s ²
Velocity (RMS)	7.87 in./s, 2.00 cm/s, 200 mm/s
Resolution	1 ft/s ² , 0.01 g, 0.1 m/s ² , 0.02 in/s, 0.01 cm/s, 0.1 mm/s
Accuracy	±5% + 2 digits
Display	5-digit LCD
Dimensions (L x W x H)	7" x 1½" x 1½" (177.8 x 40.6 x 33 mm)
Power	Four AAA batteries

What's included: Test pin tip, magnetic base, pouch case, and four AAA batteries.

Catalog No.	Model No.	Description
TS-65710-20	VB400	Pen vibration meter
Accessories		
TS-09386-00	—	Replacement batteries, AAA. 12/pk
TS-17111-66	—	NIST-traceable calibration with data

Applications

- Motors and bearings
- Fans
- Pumps
- Rotating machinery
- Plant maintenance

65710-20



3-Axis G-Force Data Logger

Built-in 3-axis accelerometers record the time of shock occurrences

- Record and time 3-axis shock and peaks
- Conduct real-time FFT frequency and time-domain vibration analysis
- User-selectable X-, Y-, Z-axis or any combination (via included software)
- Included software provides programming, analysis, and report generation capabilities
- Record storage, transport, or operational data over time
- USB interface for easy set-up and data download
- Manual and programmable start modes
- User-programmable record threshold
- Long battery life

SPECIFICATIONS	
Acceleration range	±18 g
Acceleration resolution	0.00625 g
Acceleration accuracy	±0.5 g
Acceleration sampling rate	200 Hz
Sampling rate	500 ms to 24 hours
Bandwidth	0 to 60 Hz
Memory	4 Mb flash; 85,764 samples (approx. 28,588 samples/axis)
Data format	Time stamped peak acceleration, average and peak vector sum
Dimensions (W x H x D)	3¾" x 1⅞" x ¾" (95 x 28 x 21 mm)
Power	One 3.6 V lithium battery



65710-01

What's included: Magnetized/bolt-on mounting base, Windows® 98, 2000, XP, and Vista compatible analysis software, and one 3.6 V lithium battery.

Catalog No.	Model No.	Description
TS-65710-01	VB300	3-axis G-force datalogger