

Vibration Meter / Data Logger

SD card format makes data transfer to PC simple

- Data logger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Selectable data sampling rate
- Manually data log up to 99 readings
- Remote sensor with magnetic adapter on 47¼" (1.2 m) cable
- Wide frequency range of 10 Hz to 1 kHz
- Basic accuracy of $\pm 5\%$ + 2 digits
- RMS or peak value measurement modes
- Data hold freezes the reading in the display
- Min/Max function capability



65710-18

SPECIFICATIONS

Acceleration	656 ft/s ² , 200 m/s ² , 20.39 g (peak)
Velocity	7.87 in./s, 200 mm/s, 19.99 cm/s (peak)
Displacement	0.078 in., 2 mm (peak-to-peak)
Resolution	1 ft/s ² , 0.1 m/s ² , 0.01 g; 0.01 in./s, 0.1 mm/s, 0.01 cm/s; 0.001 in., 0.001 mm
Accuracy	$\pm 5\%$ + 2 digits
Memory	20,000 K data records using 2G SD card
Dimensions (L x W x H)	8" x 3" x 1½" (203 x 76 x 38 mm)
Power	Six AA batteries

What's included Remote sensor, SD card, magnetic mount, hard carrying case, and six AA batteries.

Catalog No.	Model No.	Description
TS-65710-18	SDL800	Vibration meter / data logger
Accessories		
TS-09386-01	—	Replacement batteries, AA, 4/pk
TS-17111-66	—	NIST-traceable calibration with data

Heavy-Duty Vibration Meter

Measure acceleration, velocity and displacement plus a PC interface



98841-30

SPECIFICATIONS

Acceleration	656 ft/s ² (200 m/s ²)
Velocity	7.87 in./s (200 mm/s)
Displacement	0.078 in. (2 mm)
Remote vibration sensor	With magnetic adapter on 39" (1 m) cable
Frequency range	10 Hz to 1 kHz
Resolution	2 ft/s ² (0.5 m/s ²), 0.02 in./s (0.5 mm/s), and 0.001 in. (0.005 mm)
Accuracy	$\pm 5\%$ + 2 digits
Measurement modes	RMS or Peak Value
Manual/auto store/recall	500 readings, stores Min/Max
Data hold	Freezes the reading in the display
Software	Included Windows® 95/98/NT/2000/XP compatible allows captured readings to be downloaded to your PC for further analysis
Dimensions	2½"W x 7¾"H x 1¼"D (72 x 180 x 32 mm)
Power	9 V battery or optional AC adapter

What's included Remote sensor, magnetic mount, software and cable, protective rubber holster with stand, hard carrying case, and 9 V battery.

Catalog No.	Model No.	Description
TS-98841-30	407860	Heavy-duty vibration meter with sensor-mounted pickup
Accessories		
TS-10200-30	156119	117 VAC adapter
TS-10210-35	156221	220 VAC adapter
TS-93966-04	407001USB	USB adapter for software/cable
TS-09386-04	—	Replacement batteries, 9 V, 4/pk
TS-17111-66	—	NIST-traceable calibration with data