Vibration Meter + Laser Combination Tachometer

Multifunctional Meter

Measures Acceleration, Velocity and Displacement plus RPM and Linear Surface Speed.



Features:

- Unique large LCD with characters on display reverse direction depending on contact, photo, or vibration mode
- Windows® 95/98/NT/2000/XP compatible software (included) allows captured readings to be downloaded to your PC for further analysis
- Complete with remote vibration sensor, magnetic mount, wheels for linear surface speed or RPM (cone tip and flat tip), reflective tape, 4 AA batteries, software with cable, and hard carrying case

Vibration Meter Features:

- Remote vibration sensor with magnetic adapter on 39"(1m) cable
- Wide frequency range of 10Hz to 1kHz
- RMS or Peak Value measurement modes
- Manual/Auto store/recall up to 1000 readings
- Data Hold freezes the reading in the display
- Auto shut-off saves battery life

Tachometer Features:

- Uses a laser for greater distance non-contact measurements up to 4.9ft (1.5m)
- Stores last, max, and min readings



Contact Tachometer function measures the speed of rotating objects by placing the wheel tip onto the surface.



Photo Tachometer function measures the speed of rotating objects without contacting the surface by using a laser beam and reflective tape

Specifications	
Vibration Meter	
Acceleration	656ft/s², 200m/s², 20.39g (peak)
Velocity	7.87in/s, 200mm/s, 19.99cm/s (peak)
Displacement	0.078in, 2mm (peak-to-peak)
Resolution	1ft/s², 0.1m/s², 0.01g; 0.01in/s, 0.1mm/s, 0.01cm/s; 0.001in, 0.001mm
Basic accuracy	±(5%+2 digits)
Tachometer	
Photo	10 to 99,999rpm
Contact	0.5 to 19,999rpmΩ
Surface Speed	0.2 to 6,560ft/min (0.05 to 1,999.9m/min)
Basic accuracy	±(0.05%+1 digit)
Dimensions	7.4 x 3 x 1.8" (188 x 75.5 x 46.8mm)
Weight	1.12lbs (507g)

Ordering Information:

461880.....Vibration Tachometer
461880-NIST .....461880 with NIST Certificate

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Specifications subject to change without notice.
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