



EXTECH

# 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:**

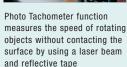
- Remote vibration sensor with magnetic adapter on 39"(1m) cable
- Wide frequency range of 10Hz to 1kHz
- RMS or Peak Value measurement modes
- Manual/Auto store/recall up to 1000 readings
- · Data Hold freezes the reading in the display
- · Auto shut-off saves battery life

### **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.



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

Vibration Tachomete

## **Ordering Information:**

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



