

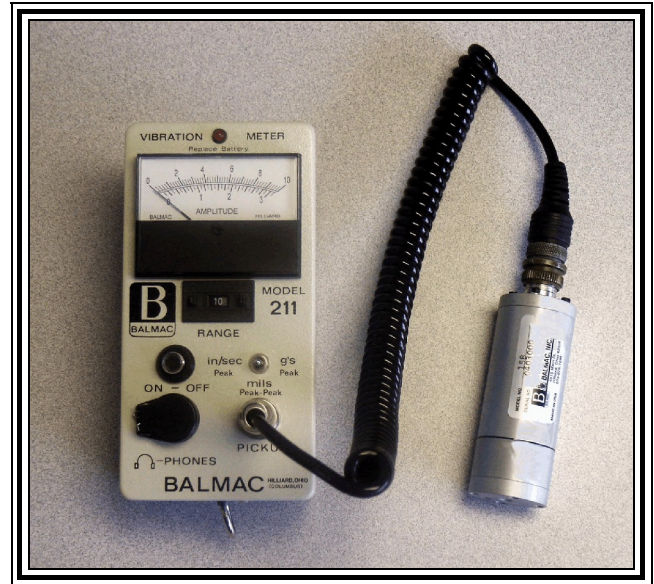
## Model 211 Vibration Meter

### Features:

Model 211 Vibration Meter measures overall vibration amplitude in the range of 180 to 200,000 RPMs on rotating machinery. Applications include checking vibration conditions on bearings, motors, fans and pumps. The portable, battery-operated, hand-held Meter features a rugged, heavy-duty pickup for measuring vibration Displacement, Velocity and Acceleration. The Meter includes a 6' coil-cord cable, a 7" probe extension and a magnetic base for the Pickup.

### Model 211 Kit Includes:

Meter with Battery, Cable and 158 Pickup (shown)  
Magnetic Base  
Probe Tip  
Carrying Case  
Manual and Calibration Certificates  
"B" Book Guide to Vibration Measurement  
Vibration Severity Wallet Card



### Specifications:

#### AMPLITUDE METER RANGE:

English: 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 mils (peak-to-peak) Displacement, in/sec (peak) Velocity and g's (peak) Acceleration  
Metric: (211M) 1, 3, 10, 30, 100, 300, 1000, 3000  $\mu$ m (peak-to-peak) Displacement, mm/sec (peak) Velocity and g's (peak) Acceleration

#### SENSITIVITY:

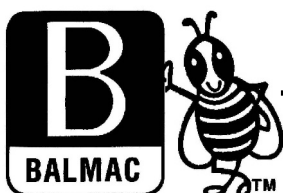
Displacement: 0.000001 inch (0.001 mil) (1 micro-inch)  
Velocity: 0.001 inch/sec (0.02 mm/sec)  
Acceleration: 0.001 g

ACCURACY: 5% of Full Scale

#### FREQUENCY

RANGE: 180 to +120,000 rpm (3 to +2000 Hz)

DISPLAY: Amplitude Meter (Analog) 2 Scales (0 to 10 Full Scale Top and 0 to 3 Full Scale Bottom)  
OUTPUT: Signal for Headphones; 1/4" Mono jack with cover  
CONTROLS: ON/OFF pushbutton for power, 3-position toggle for modes  
POWER: One 9-volt alkaline battery  
TEMPERATURE: 32° to 122°F (0° to 50°C)  
ENVIRONMENTAL: Relative humidity 0-95% non-condensing  
DIMENSIONS: Model 211 7" H x 3 1/2" W x 3" D (17 x 9 x 8 cm)  
Carrying Case 13.5" H x 10.5" W x 4.5" D (34 x 26 x 11 cm)  
WEIGHT: Unit & accessories 3 lbs (7.6 kg)



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