Model 211 Vibration Meter
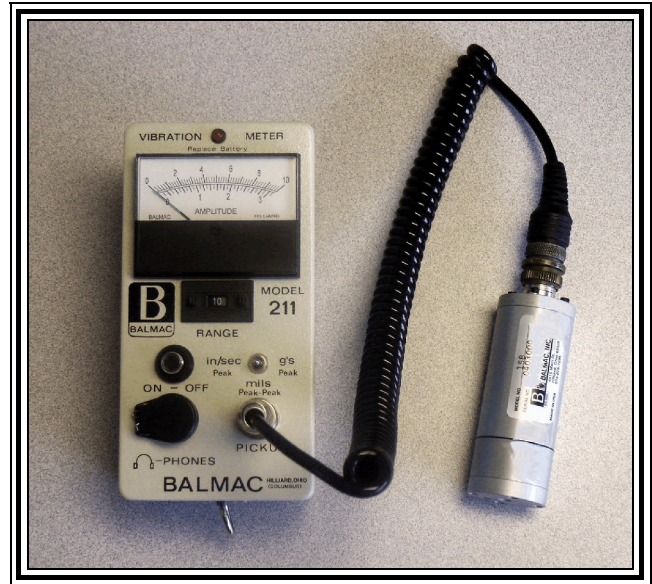# Model 211M Metric Vibration Meter

Features:

Model 211 Vibration Meter and 211M (Metric) 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 attachment for the Transducer.

Model 211 Kit Includes:

Meter, Cable and Transducer (shown)
Magnetic Base Clamp
7" Probe Tip (1/4-20 Mounting Stud)
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 µm (peak-to-peak) Displacement, mm/sec (peak) Velocity and g's (peak) Acceleration

SENSITIVITY:

Displacement:	0.000001 inch (0.001 mil) (1 micro-inch) (0.0254 µm)
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)