

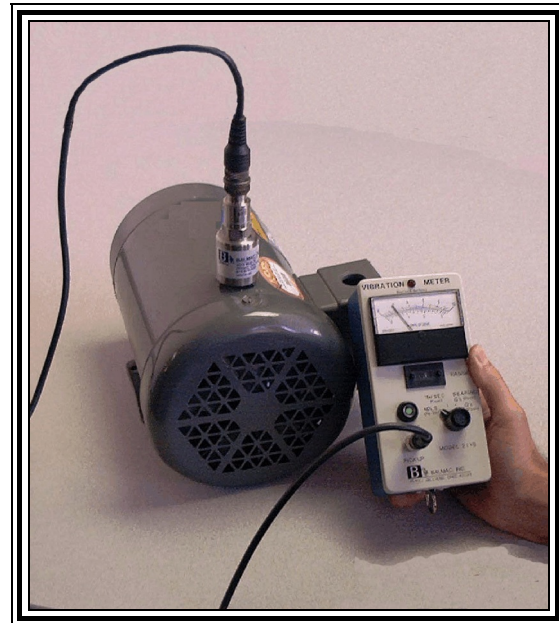
Model 211-S-100 Vibration Meter

Features:

Model 211-S-100 Vibration Meter measures bearing vibration amplitude in all types of rotating machinery. Applications include fans, motors, pumps, gearboxes, compressors, conveyors and other equipment operating from 60 to 600,000 RPMs. The unique Bearing G's circuitry is a high pass filter that allows operators to measure vibration at high frequencies to detect bearing defects. The Meter includes a 5' straight pickup cable and a magnetic base attachment for the Pickup.

Model 211-S-100 Kit Includes:

Meter with Battery, Cable and 601 Pickup (shown)
Magnetic Base
Carrying Case
Manual and Calibration Certificates
"B" Book Guide to Vibration Measurement
Vibration Severity Wallet Card



Specifications:

AMPLITUDE METER RANGE:

Displacement: 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 mils
(peak-to-peak)
Velocity: 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 in/sec (peak)
Acceleration: 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 g's (peak)

SENSITIVITY:

Displacement: 0.02 μ m
Velocity: 0.02 mm/sec
Acceleration: 0.001 g

ACCURACY: 5% of Full Scale (+/-2.5%)

FREQUENCY

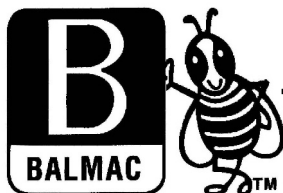
RANGE: 60 to 600,000 rpm (1 to +10,000 Hz)
using Model 601 Pickup

DISPLAY: Amplitude Meter (Analog) 2 Scales
(0 to 10 Full Scale Top and
0 to 3 Full Scale Bottom)

INPUT: Industrial ICP Accelerometer
(100 mV/g)
Acceleration Range 80 g peak
CONTROLS: Pushbutton Power and Range
Switches, 4-position Pot Function
Switch
(3) 9-volt Alkaline batteries

POWER: TEMPERATURE RANGE: 32° to 122°F (0° to 50°C)
ENVIRONMENTAL: Relative humidity 0-95% non-
condensing

DIMENSIONS: Unit and accessories 17.8H x 8.9W x 7.9D cm
Carrying Case 34.3H x 26.7W x 11.4D cm
WEIGHT: Unit and accessories 2.04 kg
Unit & pickup 0.9 kg



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