



Model 242 Pocket Vibration Meter

Features:

Model 242 Pocket Vibration Meter is a small, portable vibration meter for checking vibration on all types of rotating machinery such as fans, motors, pumps, gearboxes, compressors, conveyors and other equipment operating from 180 to 60,000 RPM. The 242 has three ranges (2, 20 and 200) and three modes of measurement (Displacement, Velocity and Acceleration). The Meter and Vibration Sensor are contained in the single, hand-held, high impact polystyrene instrument.

Model 242 Kit Includes:

Meter (shown)
Carrying Case
Manual and Calibration Certificate
"B" Book Guide to Vibration Measurement
Vibration Severity Wallet Card



Specifications:

AMPLITUDE METER RANGE:

English: 2, 20, 200 mils (peak-to-peak) Displacement
2, 20, 200 in/sec (peak) Velocity
2, 20, 200 g's (peak) Acceleration

USABLE RANGES:

	2.0	20.00	200.0
Vel	.02 - 1.999	2.0 - 19.99	20.0 - 199.9
Dis	.10 - 1.999	2.0 - 19.99	20.0 - 199.9
Acc	.02 - 1.999	2.0 - 19.99	20.0 - 199.9

ACCURACY: 5% of Full Scale

FREQUENCY

RANGE: 180 to 60,000 rpm (3 to +1,000 Hz)

DISPLAY: 3 ½ digit, numeric LCD
(with Low Battery indicator)

CONTROLS: dedicated-function pushbutton
for all measurements

POWER: 9-volt Alkaline battery

TEMPERATURE

RANGE: 32° to 122°F (0° to 50°C)

ENVIRONMENTAL: Relative humidity 0-95% non-condensing

DIMENSIONS:

Unit 6" H x 3.25" W x 1.0" D
(15 x 8 x 2.54 cm)

Carrying Case 9.5" H x 6.5" W x 2.5" D
(24 x 17 x 6 cm)

WEIGHT:

Unit 10 oz (0.28 kg)