

Model 235M Metric Vibration Meter

Features:

Model 235M (Metric) measures overall vibration amplitude in Metric units in the range of 180 to 480,000 RPMs on rotating machinery. Applications include checking vibration conditions on bearings, motors, fans and pumps. The portable, battery-operated, hand-held Meter features a standard 100 mV/g Accelerometer for measuring vibration Displacement, Velocity and Acceleration. The Meter includes a 1.5 m straight pickup cable and a magnetic base attachment for the Pickup.

Model 235M Metric Kit Includes:

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



Specifications:

AMPLITUDE METER RANGE (METRIC):

Displacement: 0.4 to 1999 micrometer (μm) (peak-peak)
Velocity: 0.02 to 1999 millimeter/second (mm/sec) (peak)
Acceleration: 0.01 to 1999 g's (peak)

RANGE: Automatic Scaling Over 3 Ranges

High 2000
Medium 200
Low 20

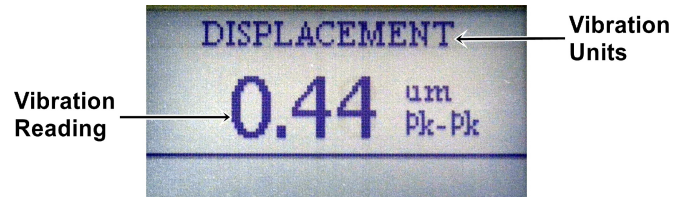
SENSITIVITY:

Displacement: 0.02 μm
Velocity: 0.02 mm/sec
Acceleration: 0.01 g

ACCURACY: 5% of Full Scale

PICKUP

FREQUENCY RESPONSE: 60 to 420,000 RPM (1 to 7000 Hz)



DISPLAY: Graphic LCD with Low Battery indicator

INPUT: Industrial ICP Accelerometer (100 mV/g)
Acceleration Range 80 g peak

CONTROLS: Sealed 4 Button Keypad

POWER: 4 Size AA Alkaline batteries

OPERATING TEMPERATURE: 32° to 122°F (0° to 50°C)

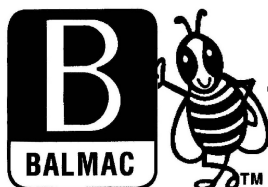
ENVIRONMENTAL: Relative humidity 0-90% non-condensing

DIMENSIONS:

Model 235M 14.5cm x 9cm x 4cm
Carrying Case 34cm x 26cm x 11cm

WEIGHT:

Meter and Accessories 2.3 kilograms
Meter, Pickup and Cable 907 grams



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