

Model 230 Vibration Meter

Features:

Model 230 Vibration Meter measures and stores overall vibration amplitude. Measurements are stored in an internal memory for later recall and recording. The portable, battery-operated, hand-held meter features a 100 mV/g ICP Accelerometer for measuring vibration Velocity, Displacement and Acceleration. It features Automatic Amplitude Scaling, Auto Power Off and a large, easy-to-read backlit Display viewable in direct sunlight or low light locations.

Model 230 Kit Includes:

Meter with Batteries, 5' Cable, ICP Accelerometer
Magnetic Base
7" Probe Tip
Carrying Case
Manual and Calibration Certificate
"B" Book Guide to Vibration Measurement
Vibration Severity Wallet Card

Specifications:

AMPLITUDE METER RANGE:

0.015 to 199.9 mils (peak-to-peak) Displacement
0.001 to 199.9 in/sec (peak) Velocity
0.001 to 199.9 g's (peak) Acceleration

RANGE: Automatic Scaling Over 3 Ranges

High: 20.0 to 199.9
Medium: 2.00 to 19.99
Low: 0.015 to 1.999

SENSITIVITY:

Displacement: 0.000,015 inch (0.015 mil) (15 micro-inch)
Velocity: 0.001 inch/sec
Acceleration: 0.001 g

ACCURACY: 5% of Full Scale

FREQUENCY

RANGE: 180 to 480,000 RPM (3 to 8,000 Hz)

DISPLAY: Graphic LCD with Low Battery indicator

INPUT: Industrial ICP Accelerometer (100 mV/g)

OUTPUT: Signal for Headphones 1/8" Mono jack

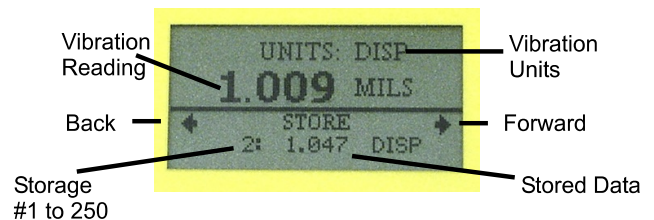
CONTROLS: Sealed 6 Button Keypad

POWER: 4 x AA Alkaline Batteries

OPERATING

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

ENVIRONMENT: Relative Humidity 0-90% Non-Condensing



DIMENSIONS:

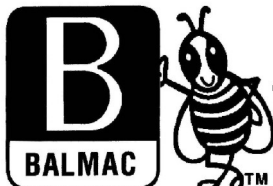
Model 230 7.67" H x 3.97" W x 1.73" D (19 x 10 x 4 cm)

Carrying Case 13.5" H x 10.5" W x 4.5" D (34 x 26 x 11 cm)

WEIGHT:

Meter and Accessories 5 lbs (2.3 kg)

Meter and pickup 1.25 lbs (0.6 kg)



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