

Model 230 Vibration Meter

Features:

Model 230 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 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. The Meter includes a 5' straight pickup cable, a 7" probe extension and a magnetic base for the Vibration Pickup.

Model 230 Kit Includes:

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

Specifications:

AMPLITUDE METER RANGE:

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

RANGE: Automatic Scaling Over 3 Ranges

- High: 200
- Medium: 20
- Low: 2

SENSITIVITY:

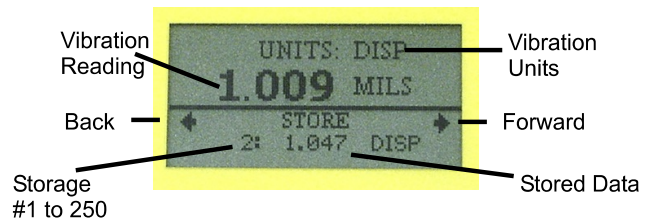
- Displacement: 0.000001 inch (0.001 mil) (1 micro-inch)
- Velocity: 0.001 inch/sec
- Acceleration: 0.001 g

ACCURACY: 5% of Full Scale

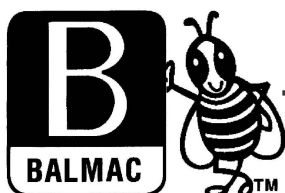
PICKUP FREQUENCY RESPONSE:

- 600 to 420,000 RPM (10 to 7,000 Hz)

- DISPLAY: Graphic LCD with Low Battery indicator
- INPUT: Industrial ICP Accelerometer (100 mV/g) Acceleration Range 80 g peak
- 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
 - Carrying Case 13.5" H x 10.5" W x 4.5" D
- WEIGHT:
 - Meter and Accessories 5 lbs
 - Meter, Pickup and Cable 1.25 lbs



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