

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:

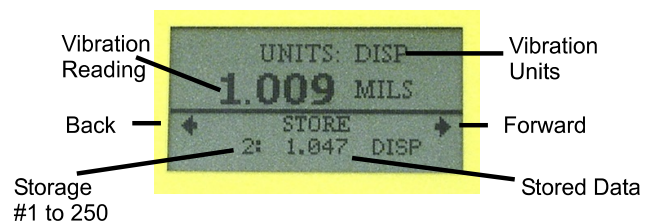
Displacement: 0.000001 inch (0.001 mil) (1 micro-inch)
Velocity: 0.001 inch/sec
Acceleration: 0.001 g

ACCURACY: 5% of Full Scale

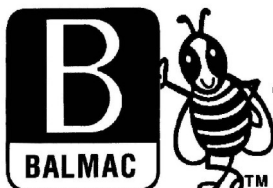
FREQUENCY

RANGE: 5% = 60 to 420,000 RPM
(1 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



BALMAC INC.
8205 Estates Pkwy, Ste N
Plain City, OH 43064-8080 USA

614-873-8222 Fax 614-873-2519
sales@balmacinc.com

balmacinc.com