

Model 205ce Vibration Meter

Features:

The Model 205ce Vibration Meter measures overall vibration amplitude for a wide range of applications on rotating machinery. Applications include routine vibration monitoring on motors, fans and pumps. The portable, battery-operated, hand-held Meter features a compact general purpose 100 mV/g Accelerometer for direct vibration measurement of Displacement (DISP), Velocity (VEL) and Acceleration (ACC). The 205ce Meter includes the Accelerometer, Cable, Probe Extension and Magnetic Base.

Model 205ce Kit Includes:

Meter with Battery, Cable and Accelerometer (shown)
Magnetic Base
Probe Tip (1/4-28 Mounting Stud)
Carrying Case
Manual and Calibration Certificate



Specifications:

AMPLITUDE METER RANGE:

Displacement: 0.001 to 199 mils (peak-peak)
Velocity: 0.001 to 199 in/sec (peak)
Acceleration: 0.001 to 199 g's (peak)

VERY LOW RANGE reads directly in:

Displacement: micro inches = .001 mils (peak-peak)
Velocity: 0.001 in/sec (peak)
Acceleration: .001 g's = milli g's (peak)

RANGE: 4 selectable with over-range indication

High 200 = 20.0 to 199.9
Medium 20 = 2.00 to 19.99
Low 2 = .020 to 1.999
VLR 20.0 to 199.9

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

RESPONSE: 600 to 420,000 rpm (10 to 7000 Hz) using
Balmac Model 601 Accelerometer

DISPLAY: 3 1/2 digit, numeric LCD; 3/4" characters
with Low Battery indicator

INPUT: 100 mV/g Compact General Purpose
Accelerometer, 80 g peak

CONTROLS: Dedicated-function Pushbuttons

POWER: Size AA Alkaline Battery (4)

OPERATING

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

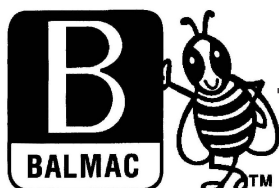
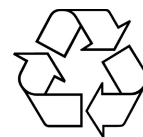
ENVIRONMENTAL: Relative humidity 0-95% non-condensing

DIMENSIONS:

Model 205ce 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 & Accessories 5 lbs
Meter & Pickup with Cable 2 lbs
Certifications: Model 205ce: CE, RoHS



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