



# Model 240 V-Alert Vibration Meter

## Features

Measures Velocity ips RMS  
Simple Push-Button Operation  
2 LED Visual Indicators of Machine Condition  
Green - Good (vibration levels below 0.2 ips)  
Red - ALERT (vibration levels exceed 0.2 ips)  
Accuracy 5%  
Battery Operated  
Two-Year Warranty

## Description

**Model 240 V-Alert Vibration Meter** takes the guesswork out of machinery maintenance and vibration studies. Many factors can cause excessive vibration in rotating machinery including: worn out bearings and couplings, foundation damage, broken mounting bolts, misalignment and unbalance. A Vibration Measurement Program helps to stop these failures by detecting machine problems before anything serious happens.

Vibration measurements with the Model 240 V-Alert Meter gives the operator the capability to quickly check a machine's condition. The vibration readings from the 240 indicate the machinery "health" and *alerts* the operator to harmful vibration levels.

The Model 240 V-Alert Vibration Meter is easy to operate with the push of the MEASURE button. It can be used by practically anyone for checking the Velocity of vibration overall (broadband) level and vibration condition. The hand-held pocket size instrument is light weight and battery powered. It measures the velocity (ips RMS) of vibration amplitude with the V-Alert limit set to the severity guideline of 0.2 ips.

## Model 240 Kit Includes:

V-Alert Meter (shown)  
Manual and Calibration Certificate  
"B" Book Guide to Vibration Measurement  
Vibration Severity Wallet Card



## Specifications:

AMPLITUDE METER UNITS:  
English: Velocity ips (in/sec) rms  
USABLE RANGES:  
Velocity 0.01 - 19.99 Full Scale  
ACCURACY: 5% of Full Scale  
FREQUENCY  
RANGE: 300 to 60,000 rpm (5 to +1,000 Hz)  
DISPLAY: 3.5 digit, numeric LCD  
(with Low Battery indicator)  
Green - LED indicator  
Red - LED indicator (Alert)  
CONTROL: MEASURE pushbutton  
POWER: 9-volt Alkaline battery  
TEMPERATURE  
RANGE: 32° to 122°F (0° to 50°C)  
ENVIRONMENTAL: Relative humidity 0-95% non-condensing  
DIMENSIONS:  
Unit 7.52" H x 2.38" W x 0.905" D  
(191mm X 60.5mm X 23mm)  
WEIGHT:  
Unit 7.25 oz (205 grams)