



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)