

VC70

Vibration Meter

VC70 is an ideal tool for the first time user in support of machine and promote machine condition monitoring programs.

FEATURES

- Portable and easy to use
- Visually display measurement value and state
- Acceleration, velocity, and displacement measurement
- Different frequency vibration selection
- High sensitivity long and short probe head
- Equipped with AC signal output interface
- Low battery indication
- Auto power off
- LCD backlight

SPECIFICATIONS

Vibration pickup : Piezoelectric ceramic accelerometer (shear-type)

Measurement range : 0.1 ~ 199.9m/s² peak (acceleration)
0.1 ~ 199.9mm/s rms (velocity)
0.001 ~ 1.999mm p-p (displacement)
Velocity and displacement range are limited by acceleration 199.9m/s²

Accuracy : $\pm 5\% \pm 2$ digits

Frequency range : 10Hz ~ 1kHz (LO); 1kHz ~ 15kHz (HI)
(acceleration)
10Hz ~ 1kHz (LO) (velocity)
10Hz ~ 1kHz (LO) (displacement)

Displays update cycle : 1 second

LCD display : 3½ digits

Single output : AC output 2V peak (display full scale)
Load impedance 10kΩ or more
earphone can be connected

Power supply : 9V Alkaline battery

Static current : $\leq 20\mu\text{A}$

Operating current : 25mA

Battery life : 20 hours continuous use

Auto power off : 60 seconds

LCD backlight : 7 seconds

Operating temp. : 0 ~ 40°C

Operating humidity : 30 ~ 90% RH

Low battery indication : 6.9V ± 0.2 V

Size : 67 x 30 x 183mm

Weight : 182g (battery included)

Standard accessories : Battery, probe (short & long), instruction manual, warranty card, certificate of product conformance



Suitable for mechanical technician to check vibration on all types of rotating machinery including fans, pumps, motors, blowers, compressors, conveyors, crushers, vibrating screen, and turbine.

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