

CONSTANT®

Electronic test tools for every trade

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/s ² 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/s ²
Accuracy	: ±5%±2digits
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	: ≤20μA
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 ± 0.2V
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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