

# VIBRATION

## TMV-120

TMV120 portable vibration meter is suitable for routine vibration measurement, especially in reciprocating machinery vibration measurements. It can not only measure the vibration acceleration, velocity or displacement, but also for rotational speed measuring. In addition, It can measure the frequency or rotation rate of vibration.

This product use optimized-filtering method to ensure stable and accurate measurement indication in multi-interference measurements environment. And the product of smart appearance, white backlit display is easy to use in complex environment.



## Features

- All English display, easy to operate. White backlight for better operation in the dark.
- It is suitable for acceleration Peak data, velocity RMS data and DisplacementPeak-Peak data measurement.
- The frequency or rotation rate can be measured
- Storage up to 100 points (10 data per point), a total of 1000 data and time.
- Warning limit can be preset. Alarm when the measuring value exceeds the warning limit.
- Provide high-performance rechargeable Li battery and charging control circuit inside with extra-long working and standby time. Battery sign, display the current remaining capacity.

Testing range	Acce: 0.1 m/s <sup>2</sup> ~ 199.9 m/s <sup>2</sup> (peak) Velo: 0.01 cm /s ~ 19.99cm /s(RMS) Disp: 0.001mm ~ 1.999mm(peak-peak)
Freq range	Acce(LO): 10Hz ~ 1kHz Acce(HI): 1kHz ~ 10kHz Velo: 10Hz ~ 1kHz Disp: 10Hz ~ 500Hz
Frequency measurement	3Hz~10KHz
rotation rate measurement	180rpm~60000rpm
Tolerance	±5%
Temp	0°C ~ 40°C
Display	LCD,128×64 pixels with LED backlight
Data memory	100×10
Data interface	USB
Limit alarm	Yes(Beep)
Battery	AA×2
Continuous working time	About 100h(without backlight)
Overall dimensions	126×66×31mm
Weight	228g



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