

vPod Vibration Meters

- Built-in microcontroller chip for quick switching of vibration measurement units.
- Built-in ISO standards to select the appropriate vPod model based on the measurement target.
- Diverse options for accessories: headphones, thermometer, Trendex software.
- Over 40 hours of ultra-high battery life.
- Signal circuit self-test graph display.
- Automatic power-off power saving mode.



FUNCTION	SPECIFICATION				
	vPod II	vPod	vPod PCBK	vPod 17243	vPod Lite
Meas. specs					
Displacement	10~1kHz	10~1kHz	10~1kHz	10~1kHz	10~1kHz
Velocity	10~1kHz	10~1kHz	10~10kHz	10~5kHz	10~1kHz
Acceleration	10~10kHz	10~10kHz	10~20kHz	2k~10kHz	10~10kHz
ISO	ISO2954	ISO2954	×	ISO17243-1&-2	ISO2954
Selectable units	Displacement: μm (p-p), mil (p-p)				
	Velocity: mm/s (rms), mm/s (0-p), in/s(rms), in/s (0-p)				
	Acceleration: g (rms), g (0-p), m/s^2 (rms), m/s^2 (0-p)				
Memory	Memory for 1000 measured data	×	×	×	×
Review function	Recall and display the saved data	×	×	×	×
USB interface	Download / Upload route data	×	×	×	×
Built-in features					
Hold function	Freeze the display instantly				×
Average function	Display the averaged value of the latest 10 data				×
Peak hold function	Display the maximum value				×
Bearing condition function	Switch to 500Hz high-pass filter to identify bearing status with 500Hz~10kHz vibration.		×	×	×
Gain	x10, and increase the reading precision (by 1 decimal place)				×
Displacement range	Standard: 0~1999 μm (0.00~78.7 mil), p-p				
	Gain: 0.0~199.9 μm (0.00~7.87 mil), p-p				×
Velocity range	Standard: 0.0~199.9 mm/s (0.00~7.87 in/s), 0-p & rms				
	Gain: 0.00~19.99 mm/s (0.000~0.787 in/s), 0-p & rms				×
Acceleration range	Standard: 0.0~199.9 m/s^2 (0.00~19.99 g), 0-p & rms				
	Gain: 0.00~19.99 m/s^2 (0.000~1.999 g), 0-p & rms				×
Bearing condition range	Standard: 0.0~199.9 m/s^2 (0.00~19.99 g), 0-p & rms		×	×	×
	Gain: 0.00~19.99 m/s^2 (0.000~1.999 g), 0-p & rms		×	×	×

Each System comes equipped with: 1 ea. : Hard carrying case, Soft Carrying case, Coiled cable for accelerometer, Accelerometer, Magnetic base, Spike detection probe, User manual, Calibration report, Warranty sticker.

Optional : Acceleration gauge insulation washer (for all series), Headphones (for all series), AC output signal cable (for all series), USB transmission cable (vPodII standard accessory), Trendex predictive maintenance software (for vPodII), Non-Contact Thermometer, measuring range 0°C~200°C (for vPodII).



BENSTONE
Condition monitoring
BENSTONE INSTRUMENTS, INC.

Benstone Instruments USA
32905 Northland Court.St.Paul,MN 55045

T : 651-2576500
F : 651-2574004

Benstone Instruments Asia
2F.-2, No.83, Sec.2, Gongdao 5TH Rd., Hsinchu, Taiwan

T : 03-572-2555
F : 03-572-2335