Vibration Meter



Vibration Meter

้เครื่อมวัดความสั่นสะเทือน

INSTRUMENTS

เครื่อววัดความสั่นสะเทือน

PONPE 210VB

Technical parameters

•	
Technical parameter	Technical specification
Vibration pickup	Piezoelectric ceramic accelerometer (shear-type)
Measurement range	0.1~199.9m/s ² peak
of acceleration	
Measurement range	0.1~199.9mm/s rms
of velocity	
Measurement range	0.001~1.999mm p-p
of displacement	Velocity and displacement range is limited by acceleration 199.9 m/s ²
Measurement accuracy	$\pm 5\% \pm 2$ digits
Measurement frequency	10Hz∼1KHz (LO) 1KHz∼15KHz (HI)
range of acceleration	
Measurement frequency	10Hz∼1KHz (LO)
range of velocity	
Measurement frequency	10Hz∼1KHz (LO)
range of displacement	
Displays update cycle	1 second
LCD display	3 1/2 digits display
	AC output 2 V peak (display full scale)
Single output	Load impedance 10K Ω or more earphones
	can be connected
Power supply	9V Alkaline battery
Static current	≤20 μ A
Operating current	≤25mA
Battery life	20 hours continuous use
Auto power-off	Turns off automatically in 60 seconds
LCD backlight	7 seconds
Operating temperature range	0~40℃
Operating humidity range	30~90%RH
Low battery indication	6.9V±0.2V
Dimensions	67x30x183mm
Weight	182g (including battery)







PONPE 211VB

Technical parameters

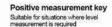
Technical parameters	Technical indicators
Vibration acquisition	Piezoelectric ceramic accelerometer (shear type)
Measurement range	Acceleration: 0.1~199.9m/s2 Velocity: 0.1~199.9mm/s Displacement: 0.001~1.999m
Measurement accuracy	Vibration displacement: $0.01 \sim 0.02$ mm, $\leq \pm 10\%$. ≥ 0.02 mm, $\leq \pm 5\%$ Vibration velocity: $0 \sim 2.0$ mm/s, $\leq \pm 10\%$. ≥ 2.0 mm/s, $\leq \pm 5\%$ Vibration acceleration: $0 \sim 2.0$ m/s2, $\leq \pm 10\%$. ≥ 2.0 m/s2, $\leq \pm 10\%$. ≥ 2.0 m/s2, $\leq \pm 5\%$
Frequency range of acceleration measurement	High frequency: 1KHz~15KHz (HI) Low frequency: 20Hz~1KHz (LO)
Frequency range of speed measurement	20Hz~1KHz (LO)
Frequency range of displacement measurement	20Hz~1KHz (LO)
LCD display	color display
Shuffle interval of data display	1 second
Maximum groups of data storage	7 groups
Power supply	1.5V AAA battery*2
Temperature range for operation	0~40°C
Humidity range for operation	30~90%RH
Size	180x54x30mm
Weight	250G(with batteries)





DOUBLE SWITCH PRACTICAL APPLICATION







Bottom measurement key Suitable for vertical measurement







