

VIBRATION METER

KV-63B



Description:

- * Full display
- * Screen flipping
- * Switch acceleration measurement High (1KHz-10KHz) and low (20Hz-1KHz) frequency
- * Curve display
- * Power indicator
- * Double measurement button
- * Flashlight
- * Screen brightness
- * Machinery grade



Screen flip function



Technical parameters	Technical indicators
Vibration acquisition	Piezoelectric ceramic accelerometer (shear type)
Measurement range	Acceleration: 0.1~199.9m/s ² Velocity: 0.1~199.9mm/s Displacement: 0.001~1.999mm
Measurement accuracy	Vibration displacement: 0.01~0.02mm, $\leq \pm 10\%$, $\geq 0.02\text{mm}$, $\leq \pm 5\%$ Vibration velocity: 0~2.0mm/s, $\leq \pm 10\%$, $\geq 2.0\text{mm/s}$, $\leq \pm 5\%$ Vibration acceleration: 0~2.0m/s ² , $\leq \pm 10\%$, $\geq 2.0\text{m/s}^2$, $\leq \pm 5\%$
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)

Machine level is represented by green, yellow, orange, red status bar in the full display measurement interface.

Vibration intensity (ISO 10816-1)				
Machinery	Class I small machine	Class II medium machine	Class III large hard base	Class IV large soft base
Vibration Speed Vrms	mm/s			
0.28				
0.45				
0.71		Good		
1.12				
1.80				
2.80		Satisfactory		
4.50				
7.10		Unsatisfactory		
11.20				
18.00				
28.00				
45.90		Unacceptable		

