

iVibra-100

Pen Type Portable Vibration Tester



Video



Contact us

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Product Features and Application

Product Features

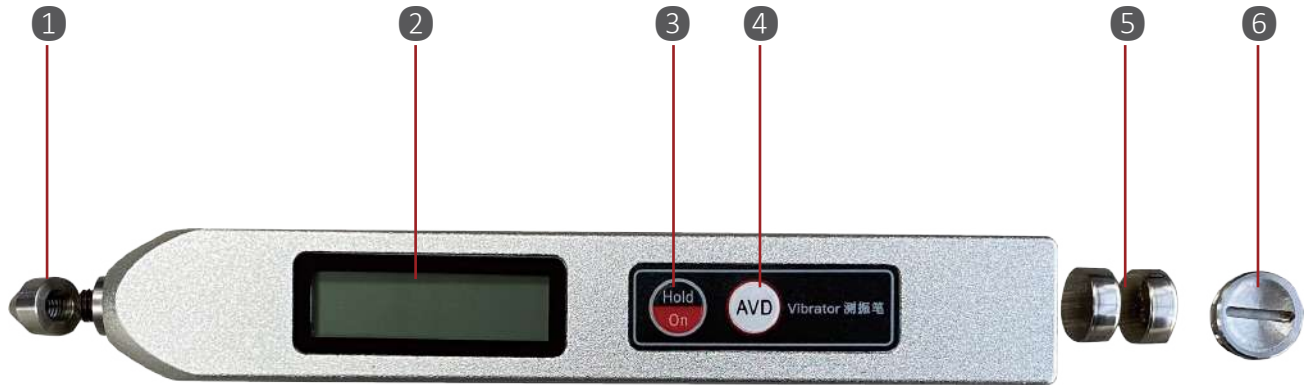
- Dot matrix LCD display with AVD display function and high-frequency acceleration display function, capable of conducting simple fault diagnosis;
- Compact size with a robust casing, offering excellent electromagnetic interference resistance;
- Powered by two LR44 batteries for ultra-low power consumption;
- All operations can be completed with just two buttons, simple and easy to understand;

Application

- Vibration detection for various types of operating mechanical devices;
- Provides quantitative vibration data for equipment maintenance personnel;
- Capable of detecting vibrations in components such as automobile engines, transmissions, and drive shafts;



Instrument Structure



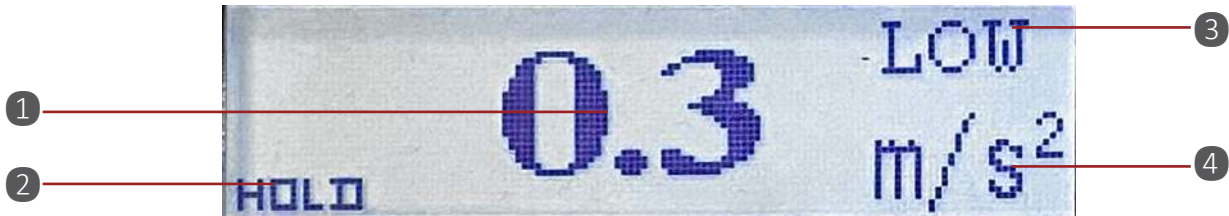
1. Probe
5. Battery

2. Display Screen
6. Battery Cover

3. Measure/stop Button

4. Mode Switch Button

Interface Display



1. Measured Value

2. Measurement Status

3. Low-frequency Acceleration

4. Measurement Parameters

Measurement Parameter

0.6 mm/s

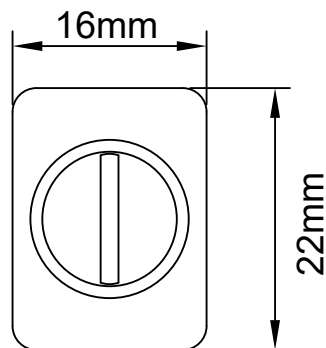
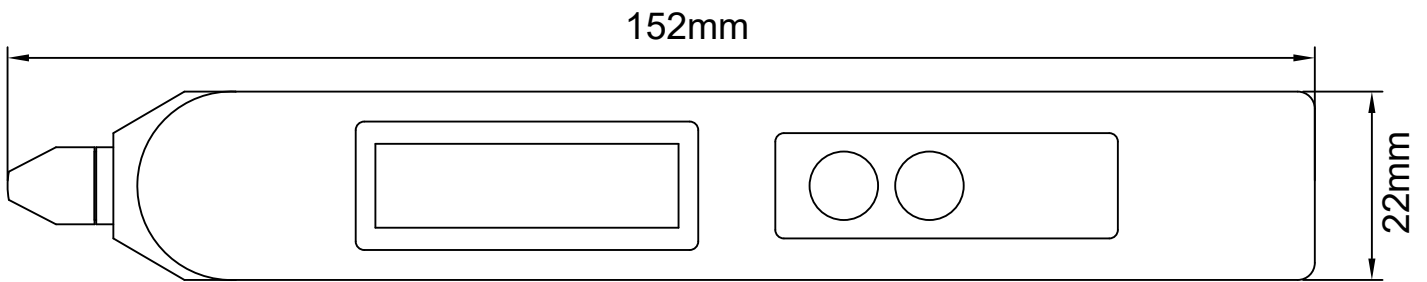
0.147 mm

0.0 HIGH
m/s²

0.3 LOW
m/s²

With multiple measurement parameters including velocity, displacement, and acceleration, users can select according to their needs.

Instrument Dimension



Technical Specification

Measurement Parameters	Acceleration, velocity, displacement
Measurement Range	Acceleration:0.1m/s ² -290.0m/s ² (peak value)
	Velocity:0.1mm/s-290.0mm/s(valid value)
	Displacement:0.001mm-2.900mm(peak-peak value)
Frequency Range	Acceleration:10Hz~1kHz(LO), 1kHz~15kHz(HI)
	Velocity:10Hz~1kHz
	Displacement:10Hz~500Hz
Measurement Error	±5%±2
Display	LCD display
Battery	Two LR44 button batteries
Working Hours	Continuous work for about 4 hours,intermittent use about 300 times
Use Environment	Temperature: 0°C~40°C
	Relative humidity<85%
Size	152×22×16mm
Weight	90g

Standard Delivery

Items	Qty	
Main Unit	1	
Neck Strap	1	
LR44 Battery	2	
Screwdriver	1	
Leather Case	1	
Packing box	1	
Manual	1	
Certificate	1	
Warranty card	1	
Packing card	1	