

iVibra-100

Pen Type Portable Vibration Tester



Video



Contact us

Mikrosize Precision Instrument Co.,Ltd

A-4035 RuiFeng Business Expo, Wuhu City, China , 241000.

Web: www.mikrosize.com

Email: mikrosize@mikrosize.com



Feature and Application

Product Feature

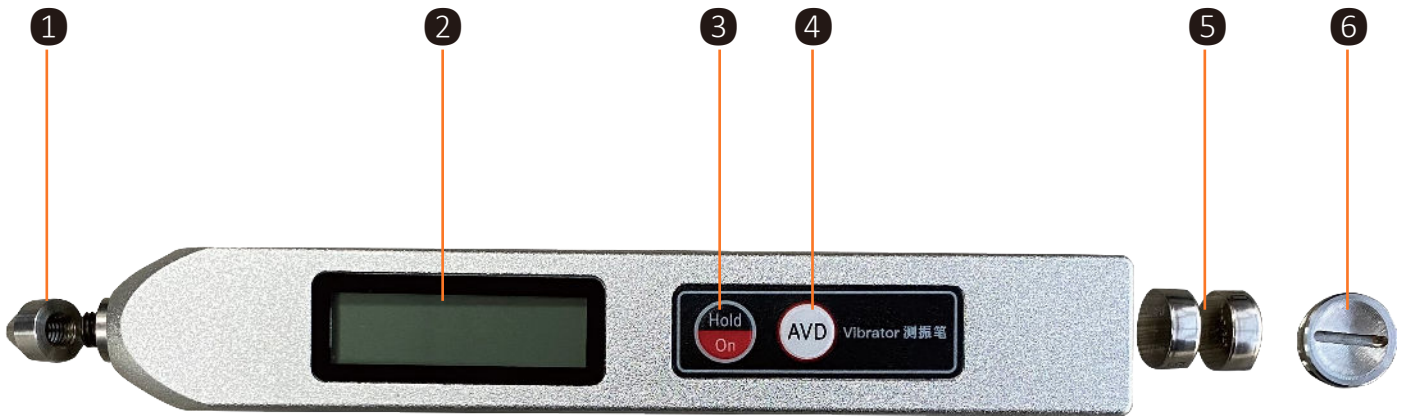
- Dot matrix LCD display with AVD display function and high-frequency acceleration display function, capable of conducting simple fault diagnosis;
- Compact size with a robust casing, offering excellent electromagnetic interference resistance;
- Powered by two LR44 batteries for ultra-low power consumption;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

Product 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;



Product Details



1. Probe

2. Display Screen

3. Measure/stop Button

4. Mode Switch Button

5. Battery

6. Battery Cover



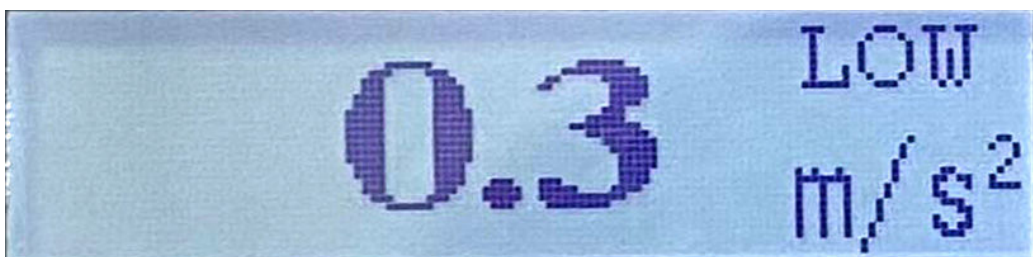
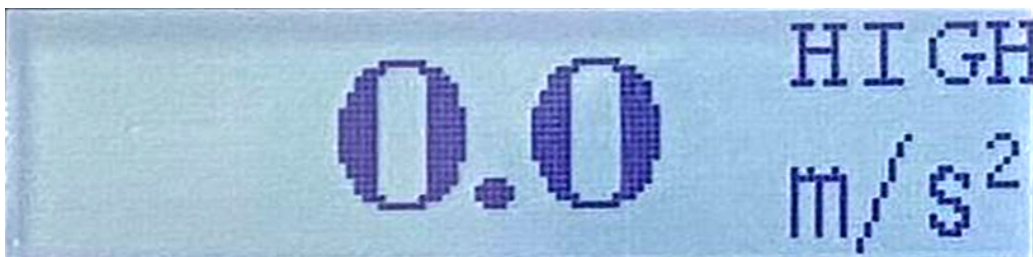
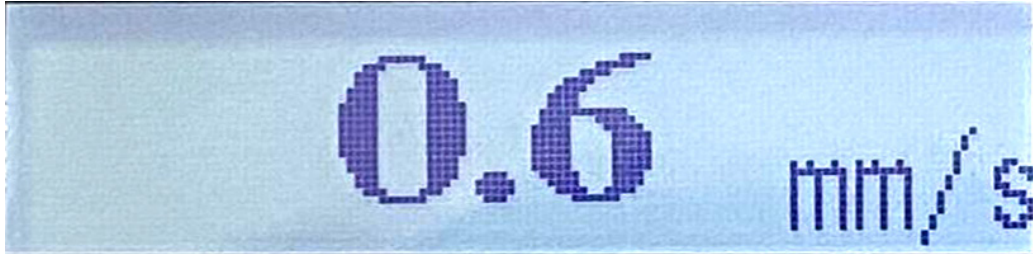
1. Measured Value

2. Measurement Status

3. Low-frequency Acceleration

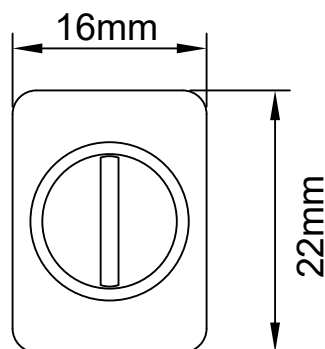
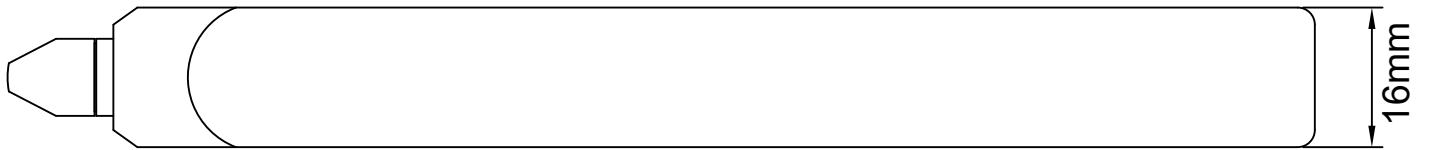
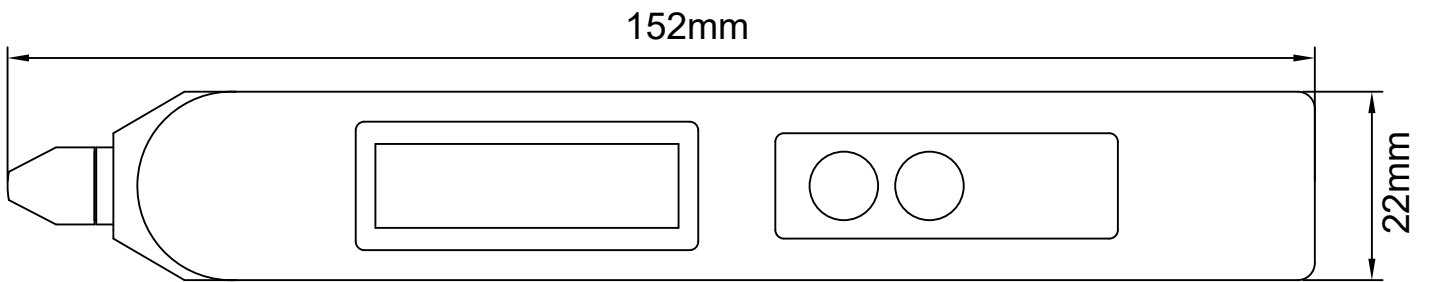
4. Measurement Parameters

Operation Interface



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


Instrument Dimension



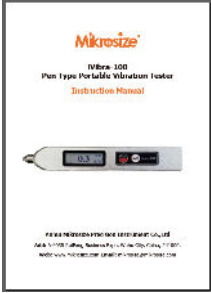


Technical Specification

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

Name	Qty	Photo
Main Unit	1pc	 A silver digital depth gauge with a blue display showing '0.3' and a red button.
Neck Strap	1pc	 A black fabric neck strap with a loop at one end.
LR44 Battery	1pc	 Two silver LR44 batteries with 'NANFU' and 'A76/LR44' markings.
Screwdriver	1pc	 A screwdriver with a red handle and a silver shaft.
Leather Case	1pc	 A black leather case with a strap and buckle.

Standard Delivery

Name	Qty	Photo
Packing Box	1pc	/
Manual	1pc	
Certificate	1pc	
Warranty card	1pc	
Packing Card	1pc	/