iVibra-100
Pen Type Portable Vibration Tester

0.3 LOW m/s² HOLD
Hold On   AVD   Vibrator 测振笔

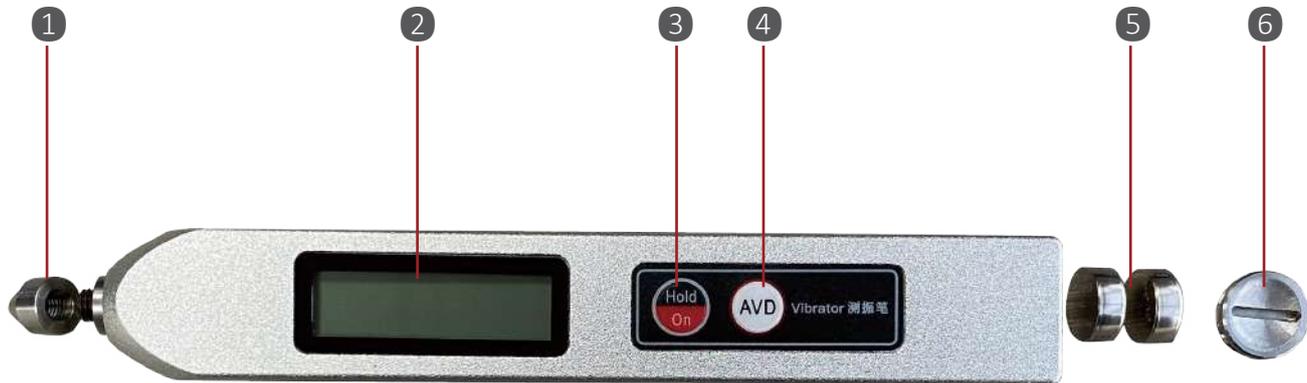Web:www.mikrosize.com   Email:mikrosize@mikrosize.com

Product Features and Application

●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;

●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;
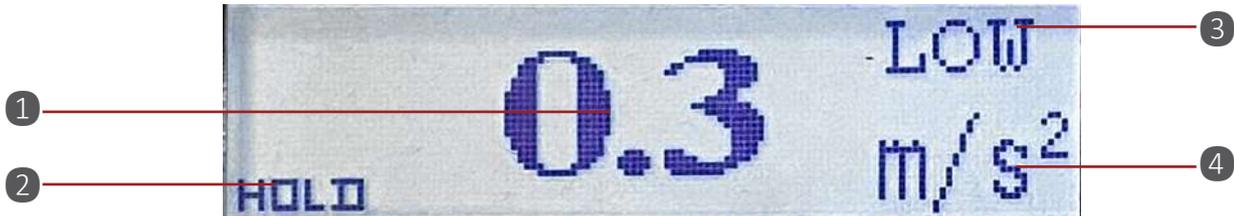
Instrument Structure

1. Probe   **2. Display Screen**   **3. Easure/stop Button**   **4. Ode Switch Button**
5. Battery   **6. Battery Cover**
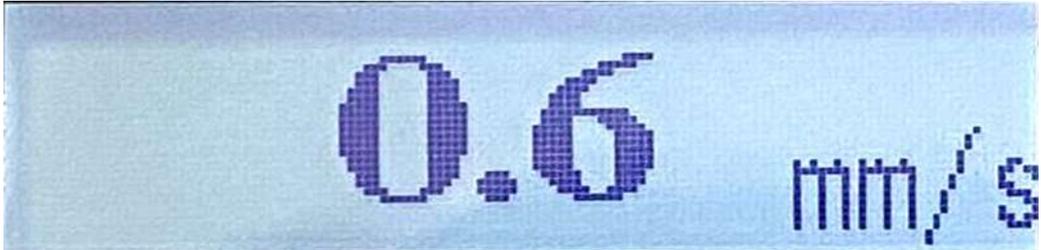
Interface Display

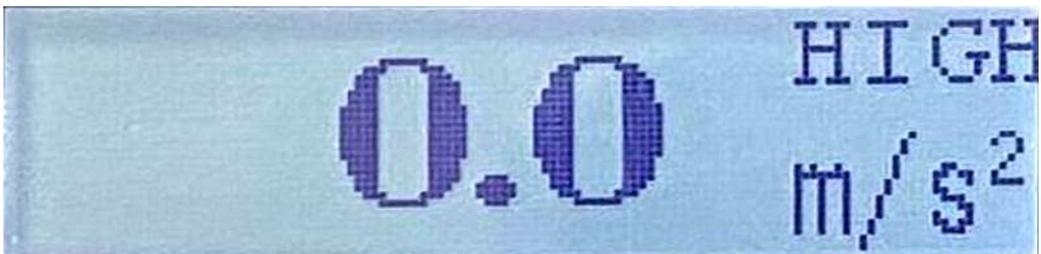1. Measured Value   2. Easurement Status   3. Low-frequency Acceleration
4. Measurement Parameters
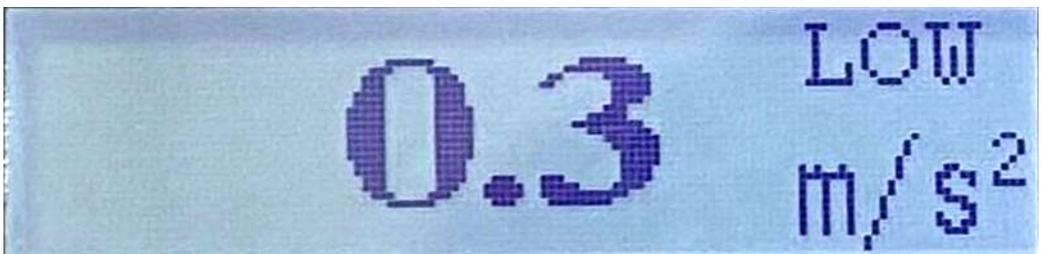
Measurement Parameter
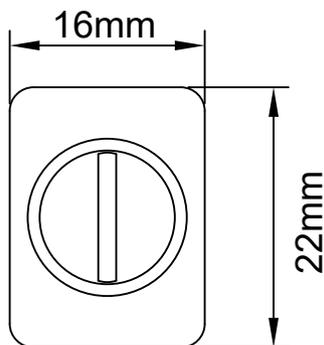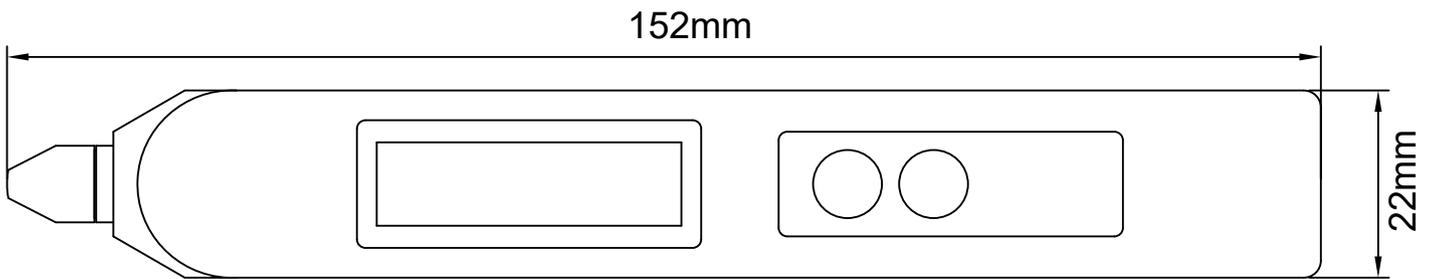
0.6 mm/s

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

152mm

22mm

16mm

16mm

22mm

Technical Specification

Measurement Parameters	Acceleration, velocity, displacement
Measurement Range	Acceleration:0.1m/s2-290.0m/s2(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	