



### Vibrometer Meter ADL-P3

Vibrometer (Vibration pen) ADL P1 is a portable device that allows you to carry out express diagnostics of the vibration state of various equipment by the root mean square value (RMS) of vibration velocity, peak value of vibration acceleration and range of vibration displacement. The ADL P3 vibration meter has the function of express diagnostics of rolling bearings.

The main application of the device is the operational monitoring of the mechanical condition of equipment such as bearings, gears, turbines, generators, fans, pumps, rotors etc, both whole machines and individual components.

The vibration pen is the simplest, miniature vibration meter that allows you to get the value of the vibration level by pressing one button. Work with a vibration pen does not require special knowledge, skills or qualifications of personnel. It was created for operational monitoring of the state of equipment and allows you to do this accurately, quickly and conveniently.

#### Main Advantages of the Devices:

- express diagnostics of rolling bearings;
- fast measurement (in a few seconds) by pressing one button;
- the measurement process is shown on the screen;
- miniaturization, compactness – the weight of the vibration meter is only 90g;
- bright OLED screen;
- ease to use - intuitive control and display of measurements;
- There is a built-in Li-Pol battery, with up to 9 hours' life;
- Battery charging is possible via USB from a computer, laptop, power bank, or a regular mobile phone charger;
- does not require special skills, knowledge or qualifications;
- frequency range of measurements is sufficient for application in almost any branch of industry.

#### Specifications

Parameter	Value
RMS value of vibration velocity	200 mm/s
Peak value of vibration acceleration	200 m/s <sup>2</sup>
The scope of vibration displacement	2000 μm
Operating frequency range	10-1000 Hz
Relative Error	± 5%
Display type	OLED, 0.91"
Power supply	Li-Pol battery, 3.7V
Battery capacity	370 mAh
Connector	USB Type-C
Continuous operation time	9 hours
Environmental conditions:	
- temperature	-10 ÷ +55°C

- relative humidity	<85 %
Dimensions, (W×D×H)	150x22x18 mm
Weight	90 g

**Delivery set of vibrometers ADL-P3**

Vibrometer	1 pc
Tip (pre-installed on the vibrometer)	1 pc
Magnet	1 pc
USB Type-C cable	1 pc
AC USB charger	1 pc
Carrying and storage bag	1 pc
Manual	1 pc
Warranty card	1 pc