

VIBRATION METER ADL-P1/P3



Vibrometer (Vibration pen) is a portable device that allows you to carry out express diagnostics of the vibration state of various equipment according to the mean square value (RMS) of vibration velocity.

The main field of application of the device is the operational control of the mechanical condition of equipment during operation, repairs and maintenance, diagnostics of bearings, gears, turbines, generators, fans, pumps, various rotors, structures in general and its individual elements, vibration tests, etc.

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 and qualifications of personnel. It was created for operational monitoring of the state of equipment, allows you to do this accurately, quickly and conveniently.

The ADL P3 vibration meter model has the function of express diagnostics of rolling bearings.

Main Advantages of the Devices:

- express diagnostics of rolling bearings (model ADL - P3);
- 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 100g;
- bright OLED screen;
- ease to use - intuitive control and display of measurements;
- long battery life of 9 hours;
- does not require special skills, knowledge of special qualifications of service personnel;
- frequency range of measurements is sufficient for application in almost any branch of industry, transport and utilities.



Specifications

Parameter	Value	
	ADL-P3	ADL-P1
RMS of vibration velocity, mm/s	200	200
Vibration acceleration amplitude, m/s ²	200	
Range of vibration displacement, μ m	2000	
Working Frequency Range, Hz	10-1000	
Relative Error	$\pm 5\%$	
Screen Type	OLED, 0.91"	
Power supply	Li-ion battery, 3.7V	
Battery capacity	300mAh	
Uptime, hours	9	
Environmental conditions: - temperature - relative humidity	0°C – 40°C <85%	
Dimensions, (W×D×H), mm	150x22x18	
Device mass, g	85	90

STANDARD DELIVERY SET

- Vibration meter ADL-P1/P3-1 pc.
- Charger - 1 pc.
- charger cable USB-microUSB - 1 pc.
- Bag for carrying and storage - 1 pc.
- User's manual combined with a passport - 1 pc.