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ADELIX

• **PURPOSE**

The frequency range of measurements is sufficient for use in almost any industry, transport and utilities

• **FUNCTIONAL**

express diagnostics of the vibration state of various equipment by the root mean square value of vibration velocity, acceleration and displacement

• **CONVENIENCE**

Diminutiveness, bright screen
Long battery life.
Ease of use - intuitive control and display of measurements

Portable Vibrometers **ADL-P1, P3**
the best solution for real-time vibration control

Made in
UKRAINE



ADL
series

Vibrometer (Vibropen) is a portable device that allows for express diagnostics of the vibration state of various equipment by the root mean square value (RMS) of vibration velocity (ADL-P1), vibration acceleration and vibration displacement (ADL-P3)

The vibrating pen is the simplest miniature vibrometer available that allows you to get the vibration level by pressing only one button.

The main field of application of the device is operational control of the mechanical state of equipment during operation, repairs and maintenance, diagnostics of bearings, gears, turbines, generators, fans, pumps of various rotors, the structure as a whole and its individual elements of vibration tests, etc.

Working with a vibrating pen does not require special knowledge, skills or qualifications of personnel. It is designed for operational monitoring of the equipment condition, and allows users to complete their work accurately, quickly and conveniently.

The ADL-P3 vibrometer model implements the function of express diagnostics of rolling bearings.

Features and Benefits

- Express diagnostics of rolling bearings
- Fast measurement at the push of a button
- The measurement process is displayed on the screen
- Diminutiveness
- Bright screen
- Long battery life
- Ease of use - intuitive control and display of measurements
- No special skills, knowledge and special qualifications of service personnel are required
- The frequency range of measurements is sufficient for use in almost any industry, transport and utilities

Specifications

Параметр	ADL-P1	ADL-P3
RMS vibration speed, mm/s	0.1-100	0.1-100
RMS vibration acceleration 0.1 100 m/s ²	-	0.1-100
Vibration displacement range, microns	-	2-2000
Operating frequency range, Hz	10-1000	
Relative error, %	±5	
Screen type, size, mm	QLED, 128x32, (0,91")	
Питание	Li-ion battery, 3.7 V, 300 mAh	
Continuous working time, h	9	
Environmental conditions:		
- Temperature, °C	0-40	
- Relative humidity, %	<85	
Dimensions, mm	150x22x18	
Weight, g	85	90