



ADELIX
TURKEY

• **FUNCTIONAL**

The ability to view data in real time using the built-in Bluetooth 5.2 function (additional option), which connects to a special application installed on a tablet, smartphone or laptop. The device allows you to exclude the influence of the operator on the measurement process, due to the use of a magnetic mount.

• **RELIABLE**

The vibration meter **ADL-M10** uses the most modern components and technical solutions. Measurement accuracy is ensured by a high-quality sensor and a powerful processor that supports advanced mathematical algorithms for filtering and processing the measurement signal.

VIBRATION METER **ADL-M10**

made in
TURKEY



ADL
series

Portable vibration meter **ADL-M10** - is a new development of the company for monitoring, diagnosing, controlling and solving problems related to the vibration state of various industrial equipment by the root-mean-square value of vibration velocity, vibration acceleration peak, vibration displacement range, diagnostics of rolling bearings in relation to peak factor, determination of the spectral composition of the vibration velocity signal and binding measurements to generally accepted regulatory documents.

The ADL-M10 vibration meter will help ensure trouble-free operation and reduce the cost of repair and maintenance of industrial equipment by detecting wear and damage at an early stage.

THE MAIN ADVANTAGES OF THIS VIBRATION METER ADL - M10:

- Minimal design with magnetic mount and the possibility of mounting on the M5 stud, which completely eliminates the influence of the human factor on the measurement process;
- High accuracy of measurements on 3 parameters of vibration: vibration velocity, vibration acceleration, vibration displacement;
- Diagnostics of rolling bearings by crest factor;
- High level of protection against hits and drops;
- Built-in battery and standard USB Type-C charging connector;
- Bluetooth 5.2 connection (additional option);
- Data transfer in the time drive to any mobile device (additional option);
- Built-in bright OLED-display;
- Measurement resolution up to 0.01;
- Simplicity and ease of use.

A distinctive feature and uniqueness of the ADL-M10 vibration meter is the ability to work in 2 different modes:

Classic vibrometer - involves the use of the device as an indicator of the overall level of vibration, measurement of peak values, movement or diagnostics of rolling bearings by crest factor.

This mode will be useful for daily monitoring of equipment: pumps, gearboxes, electric drives and turbine plants, including both individual components of rotary equipment, and the entire unit as a whole, which will provide a general understanding of the vibration state of industrial equipment at the enterprise.

Averaging mode - 10 measurements will allow you to study the vibration state of the equipment in more detail, by obtaining average values of vibration characteristics. Also, according to the individual order, the duration of the averaging of the vibration values can be changed.

STANDARD DELIVERY SET ADL - M10:

- Vibrometer ADL-M10 - 1 pc.
- Charger - 1 pc.
- USB charger cable - type C - 1 pc.
- Bag for carrying and storage - 1 pc.
- Magnetic mount - 1 pc.
- User's manual combined with a passport - 1 pc.

SPECIFICATIONS

PARAMETER	VALUE
RMS value of vibration velocity	0,01—200mm/s
Peak value of vibration acceleration	0,1—200 m/s ²
The scope of vibration displacement	2—2000mkm
Frequency range	10-1000 Hz
Meesurmenr error	+/-5%
Protection class IP sensor	IP 54
Power supply of the sensor	Li-Pol Battery: 3,7 V; 370 mAh
Battery life depending on the mode	Up to 8 hours
Battery charging connector	micro USB or USB Type-C
Charging time, h	2,5
Operating temperature range	от -10 до +55° C
Humidity, %	85
Overall dimensions (with magnetic fastening), mm	30x28x90
Screen type, size, mm	LED, 0,91"
Weight, g	70



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