Mikrosize®

MS6236

Digital High-Precision Tachometer

Contact us

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Features and Applications

The MS6236 Digital High - Precision Tachometer has remarkable advantages: It adopts advanced technology and supports contact/non - contact measurement of rotational speed, linear speed, and linear length. It has a wide measurement range and high resolution, and its large - screen backlit LCD display is clear. It can automatically store the maximum value, minimum value, last value, and 96 consecutive values. With accessories, it can be converted to achieve multi - purpose use, and the linear speed sensor is convenient for measuring linear objects. It is suitable for scenarios that require precise measurement of rotational speed, linear speed, and linear length, such as mechanical manufacturing, cable production, and other fields.

Product Advantages

- Integrating advanced technologies such as microcomputers and optoelectronics, it can measure rotational speed, linear speed, and linear length through contact or non - contact methods, offering diverse functions and leading - edge technology.
- It has a wide measurement range and high resolution, is equipped with a large - screen backlit LCD, enabling clear and error - free readings, and can be used normally in any lighting environment.
- It can automatically store the maximum value, minimum value, last value and 96 consecutive values, which is convenient for data collection and recording. It also has a low voltage prompt function.
- The contact accessories and photoelectric accessories are convertible (patented technology). The linear speed sensor is equipped with a groove, which is convenient for measuring linear objects, enabling the tachometer to be used for multiple purposes.
- The linear design fits the palm. The shell is made of sturdy ABS plastic, with a delicate and durable structure. It is easy to operate and suitable for long - term use.

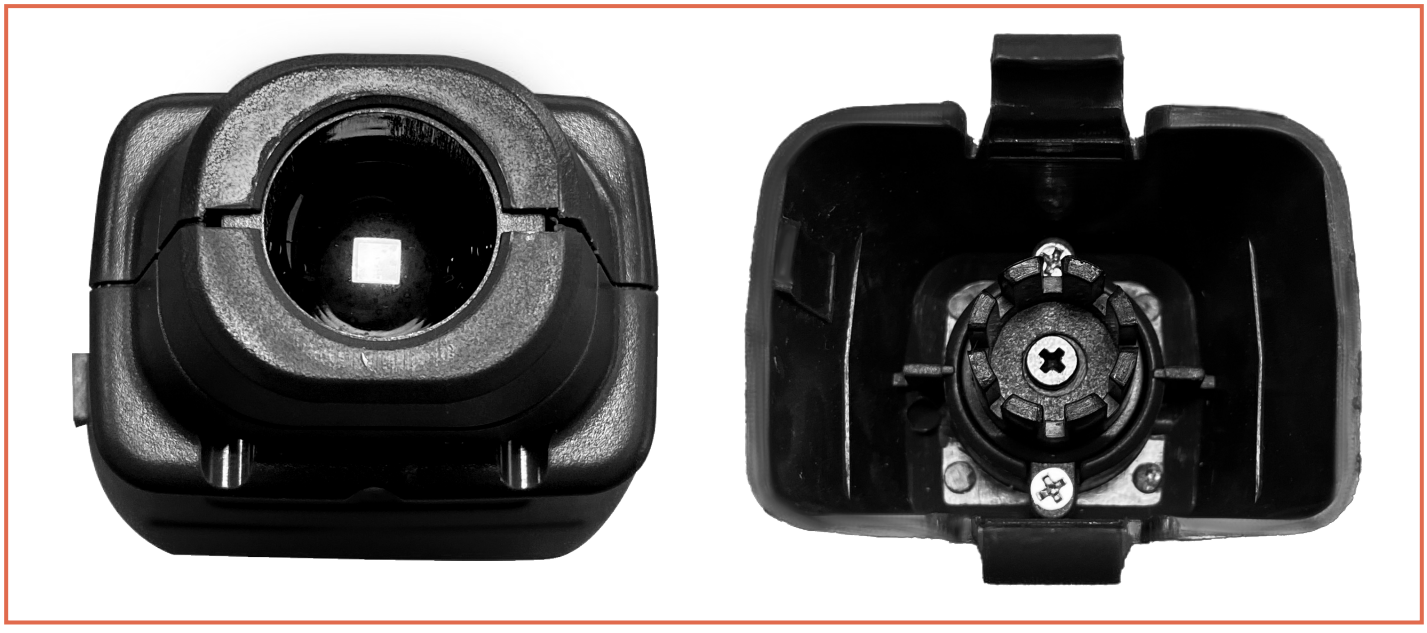
Product Application

- It is suitable for measuring the rotational speeds of various rotating objects, and can accurately handle both high - speed and low - speed scenarios.
- It can measure the linear speed of linear objects such as wires and cables, and the operation is convenient with the help of the groove sensor.
- It can measure the linear length of ropes and the like, and the result is obtained by combining the contact linear speed method with calculation.
- It is applicable to scenarios where multiple sets of measurement data need to be recorded, and can store 96 consecutive measured values.
  It is suitable for use in environments with complex lighting conditions. The green backlight ensures clear readings in any lighting.

Product Details

1.Screen **2.Test Button** **3.Contact Accessories Assembly**
4.Accessory Installation Shaft

Product Functions



Photoelectric/Contact Dual Type

The product supports both photoelectric and contact methods. Through accessory conversion, it can achieve multi - scenario measurements, meeting the needs of high and low rotational speeds, linear speeds, and linear lengths, and has a wide range of applications.

Test Range:

•Contact Rotational Speed:0.5~19999RPM

•Photoelectric Rotational Speed:2.5~99999RPM

•Contact Linear Speed:0.05~1999.9m/min

Resolution:

•Photoelectric and Contact Rotational Speed: 0.1 RPM (0.5 - 999.9 RPM), 1 RPM (above 1000 RPM)

•Contact Linear Speed: 0.01 m/min (0.05 - 99.99 m/min), 0.1 m/min (above 100 m/min)

Product Functions

Product Functions

Contact Rotational Speed Mode

The accessories for contact rotational speed measurement are divided into three types: large conical, small conical, and cylindrical. The large conical and cylindrical types are suitable for low - speed rotation measurements, while the small conical type is suitable for high - speed rotation measurements.

Contact Linear Speed Mode

The linear speed is calculated by the instrument based on the rotation of the contact linear speed measurement accessory, which is in close contact with and rotates synchronously with the object being measured.

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Technical Specification

Screen	Digital High-Precision Tachometer
Measurement Accuracy	±(0.05% + 1 digit)
Sampling Time	0.8 Seconds (Over 60 Revolutions per Minute)
Range Selection	Automatic Switching Time Base: 6MHz Quartz Crystal Oscillator
Effective Distance	50mm - 500mm (Photoelectric Type)
Size	210×74×37mm
Power Supply	4x1.5V SIZE Batteries or External 6V DC Regulated Power Supply
Power Consumption	Approximately 65mA

Standard Delivery

Name	Qty	Photo
Portable Leather Box	1	
Reflective Strip	600mm	
Instruction Manual	1	
Desiccant	1	
Screw Pack	1	
Linear Speed Measurement Accessories	1	
RPM Measurement Accessories	1	