

60~ 40,000 RPM / FPM

The stroboscope is a rotational speed measuring instrument that makes use of the persistence of vision (when the light source flashing at the set frequency is synchronized with the rotational speed of the object, a relatively static visual persistence phenomenon occurs). When observing an object rotating at a high speed or moving, by adjusting its flickering frequency to be close to and synchronizing with the rotation or moving speed of the measuring object, the measured object looks like moving slowly or static although moving at a high speed, this optical phenomenon of persistence of vision makes it easy to observe the motion of high-speed moving objects with the naked eyes. In this way, it is possible to measure the rotational speed of various types of rotating objects without contact, as well as to detect the motion state and surface defects of the object. Its application is very wide, such as various types of rotors, gear meshing, vibration equipment diagnostics, textile, printing, production lines and other high-speed rotating object surface defects and motion trajectories.

SPECIAL FEATURES :

- The advanced technologies such as micro - computer technology (CPU), software frequency generator & anti-jamming technology are applied to conduct non-contact measurement of rotation speed, as well as to inspect the status of moving objects and detect defects on the surface.
- Large LCD with backlight ensures clear readings and no parallax.
- Two adjustment ways: single-step adjustment (coarse/fine adjustment) and continuous adjustment (coarse / fine adjustment) for easy measurement.
- With data storage function, it can store 10 commonly used stroboscopic data, which can be called up at any time, very convenient and quick.
- There are special backlight and flash control switches, saving battery power.
- The power supply uses four AA 3.7V lithium-ion rechargeable batteries (14500) to ensure long-lasting power. When the voltage is lower than the specified voltage, it will automatically prompt.
- 60 high-brightness LED flash heads, double the brightness and more convenient to use (observe).
- The structure is sturdy and exquisite. The Stroboscope adopts durable and high quality electronic components. The outer casing is made of light weight and hard ABS+PC engineering plastic. It has beautiful appearance, convenient carrying case.

ELECTRICAL SPECIFICATIONS :

Display	5 Digits 40,000 Counts backlight LCD display
Range	60 - 40,000 RPM / FPM RPM : R / min FPM : F / min
Coarse / fine Tuning range	<400RPM Coarse : 1RPM / FPM Fine : 0.01RPM / FPM <4000RPM Coarse : 10RPM / FPM Fine : 0.1RPM / FPM <40000RPM Coarse : 100RPM / FPM Fine : 1RPM / FPM
Accuracy	± 0.05%
Resolution	<400RPM : 0.01RPM / FPM <4000RPM : 0.1RPM / FPM <40000RPM : 1RPM / FPM
Time Base	10MHz industrial grade quartz crystal
Power	4x3.7V(14500) AA Lithium ion Rechargeable Batteries
APO Consumption	Approx. 60mA
Dimension	Approx. 195 x 73 x 38 mm
Weight	Approx. 220g.
Accessories	Instrument, Rechargeable 4 batteries, battery charger, User Manual, Reflective tape 1pc. & Carrying case.



Accessories

All Specifications are subject to change without prior notice