

DIGITAL STROBOSCOPE TACHOMETER

Model KM 2240 - 60~ 40,000 RPM / FPM

Stroboscope is a flash - frequency velocity measuring device. It is a rotation speed measuring device that makes use of persistence of vision (when the light source synchronize with the rotation speed of an object at a pre-set flashing frequency, a relatively static phenomenon called visual persistence will occur). In the course of observation of an object that rotates or moves at a high speed, adjust the flashing frequency of the device to synchronize it with rotation or movement speed of the object. Although the object being measured moves at a high-speed, it appears to move slowly or static. This is an optical phenomenon of visual persistence whereby high-speed movement of an object can be easily observed with the naked eye. By using this method, the rotation speed of various rotating objects can be measured, and the movement and defect on the surface of an object can be inspected or detected. It is widely used to detect the defects on the surface and movement track of high-speed rotating objects such as various types of rotors, meshing gears, vibration diagnostic equipment as well as textiles, printing production lines etc.



SPECIAL FEATURES :

- Measuring Tach And Vibratility By Non-contact
- Large LCD Display With Backlight
- Digital Control to adjust Flash Frequency
- Low Power Consumption
- Measure Range : 60 ~ 40,000 RPM
- Coarse / Fine Adjust Amplitude :
 - < 1000 RPM Coarse adjust : ± 10 RPM ; Fine adjust : ± 0.1 RPM
 - ≥ 1000 RPM Coarse adjust : ± 100 RPM Fine adjust : ± 1 RPM

FEATURES :

- This tachometer is used the microcomputer (CPL) technique, photoelectrical technique and LCD for one instrument combine PHOTO TACH & MOTION & SURFACE damage or uneven surface.
- Light in weight and easy to carry.
- Manual adjust / Auto - adjust : Coarse adjust button and Fine Adjust button.
- Backlight control switch.

ELECTRICAL SPECIFICATIONS :

| Model | KM 2240 |
|---------------------------|---|
| Display | 5 Digits 40,000 Counts backlight LCD display |
| Range | 60 - 40,000 RPM / FPM |
| (<1000RPM) Coarse Tuning | ± 10 RPM / FPM |
| Fine Tuning | ± 0.1 RPM / FPM |
| (1000 RPM) Coarse Tuning | ± 100 RPM / FPM |
| Fine Tuning | ±1 RPM / FPM |
| Accuracy | ± 0.05% |
| Resolution | <1000 RPM : 0.1 RPM / FPM 1000 RPM : 1 RPM / FPM |
| Power | 4 x 1.5 V AAA Battery |
| Dimension | 195 x 73 x 38mm |
| Weight | 200gm |

All Specifications are subject to change without prior notice

Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery | Hydraulics | Vacuum Industry
Green House | Server Room | Confined Space | Cold Storage

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