

**INTRODUCTION**

It is a stable, reliable and safe non-contact tachometer. The core of the design is the microcontroller, photo electric speed sampling processor. Its unique design makes it a high performance tachometer.

**FEATURES**

- Backlit LCD Display
- Maximum display: 99999
- Over Range Indication
- Low Battery Indication
- Refresh Rate 1s ~ 7s
- Data Hold
- Photo Diode and Laser sensor
- Measuring Distance: 50 mm ~ 200mm
- Drop Test: 1m
- Battery: 1.5V AAA type

**OPERATING ENVIRONMENT**

- Indoor
- Altitude : ≤ 2000 meters
- Safety Standards : EN 61010-1; EN 61010-031; EN 61326
- Class of Pollution : 2
- Operating Temperature : 0°C ~ -50°C (32~122°F) (≤80%RH)
- Storage Temperature : 20°C ~ +60°C (-4~140°F) (≤80%RH)

**ELECTRIC SPECIFICATIONS**

- Ambient Temperature : 23°C ± 5°C (64.4~82.4°F)
- Ambient Humidity : ≤ 80%RH



**RPM**

| Range               | Resolution | Accuracy   |
|---------------------|------------|------------|
| 10 ~ 9999.9 r/min   | 0.1 r/min  | ±(0.04%+2) |
| 10000 ~ 99999 r/min | 1 r/min    |            |

**COUNT**

| Range     | Resolution | Max input frequency      |
|-----------|------------|--------------------------|
| 0 ~ 99999 | 1 digit    | 10KHz, 5% of pulse width |