# Photo/Contact Tachometer



DT-2859

**Model:** DT-2859

## Applications

The Tachometer is used to measure rotative velocity, surface speed, frequency of motor. Applicable to the product departments of motor, fan, paper-product, chemical fiber, washing-machine, automobile, airplane, steamer etc.

Multifunctional, one instrument combines PHOTO TACH.(RPM) & CONTACT TACH. (RPM , m/min, ft/min ). It can also be applied to the measurement of Frequency, Cycle, Pulse Times, Pulse Distance, User-defined Pulse Distance, etc.

## Features

* Digital display with no guessing errors.
* Wide measuring range and high resolution.
* The last value / max. value / min. value will be automatically stored in memory.
* The use of durable, long-lasting components, including a strong, light weight ABS-plastic housing assures elegant shape and ease of use.
* Use USB data output to connect with PC.
* Provide Bluetooth data output choice.

## Specifications

| Model | | DT-2859 |
|---|---|---|
| Measuring | Laser | 2.5~99,999 r/min |
| Range | Contact | 0.5~19,999 r/min |
| | Surface | 0.05~1999.9  m/min |
| | Speed | 0.2~6560  ft/min |
| | Frequency | 0.04~1666.65 Hz |
| Resolution | Rotative | 0.1 r/min   (0.5~999.9r/min) |
| | Velocity | 1 r/min (Over 1000r/min) |
| | | 0.01 m/min (0.05~99.9m/min) |
| | Surface | 1 m/min (Over 100m/min) |
| | Speed | 0.1 ft/min  (0.1~999.9ft/min) |
| | | 1 ft/min (Over 1000ft/min) |
| Accuracy | | $\pm$(0.05%n+1d) |
| Sampling Time | | 1.0s (Over 60 r/min) |
| Test Range Select | | Automation |
| Memory | | Max. Value / Min. Value / Last Value |
| Time Base | | Quartz Crystal |
| Laser Tach | | 50~250 mm / 2~10 inch (Typical), |
| Detecting Distance | | Max. 600 mm / 24 inch |
| Power Consumption | | 80 mA (Testing) |
| Operating Temperature | | 0~50 °C (32~122°F) |
| Power Supply | | 4x1.5V AAA Size (UM-4) Battery |
| Dimensions | Main Unit | 140x72x34 mm (5.5x2.8x1.3 inch) |
| | Sensor | Φ45x195 mm (Φ1.8x7.7 inch) |
| Weight | | 245 g / 0.540 lb (Not Including Batteries) |

## Accessories

| Standard Accessories | Main Unit |
|---|---|
| | Sensor |
| | Surface Speed Test Wheel(AS35C) |
| | Cone Adapter (AS35A) |
| | Funnel Adapter (AS35B) |
| | Reflective Tape 350mm |
| | Carrying Case |
| | Operation Manual |
| Optional Accessories | USB Data Cable with Software |
| | Bluetooth Data Adapter with Software |