

### 461920 Mini Laser Photo Tachometer Counter



Measures the speed (RPM) of rotating objects and counts (revolution) of moving objects.

**Non-contact RPM and Revolution count measurements to 99,999 rev**

- Measure non-contact RPM readings of rotating objects by pointing the integral laser at the reflective tape placed on the object to be measured
- Large 5 digit LCD display with backlighting
- Rugged double molded housing with memory button for Last/MAX/MIN readings
- 1 year warranty
- Complete with 9V battery and reflective tape

**SPECIFICATIONS**

RPM range	2 to 99,999 rpm
Count range	1 to 99,999 rev (revolution)
Target Distance	1.6ft (500mm)
Basic Accuracy	±0.05%
Resolution	0.1rpm, 1 count
Dimensions/Weight	6.2x2.3x1.6" (160x60x42mm)/5.3oz (151g)

**ORDERING**

461920 <b>N</b>	Mini Laser Photo Tachometer Counter
461937	Spare reflective tape (23" each strip), 10pk

### RPM33/RPM40 Mini Combination Contact/Laser Photo Tachometers



**NEW**

**Quickly measure RPM, surface speed and length with one tool. Use the contact wheel for up-close readings or laser mode for non-contact readings.**

- Large 5 digit backlit LCD display
- Microprocessor based with quartz crystal oscillator to maintain high accuracy
- Provides wide RPM (photo and contact) and Linear Surface Speed/Length (contact) measurements
- Includes contact wheel, batteries, and reflective tape; 1 year warranty; RPM33 also includes case; RPM40 also includes cone tip

**Model RPM33 Additional Features**

- Store/recall 10 data sets in memory with 4 parameters (measurement/max/min/avg)
- Laser guided for greater distance non-contact measurements up to 1.6ft (500mm)

**Model RPM40 Additional Features**

- Long distance Laser guided measurements up to 4.9ft (1.5m)

SPECIFICATIONS	RPM33	RPM40
Range (rpm)	Photo: 2 to 99,999rpm Contact: 2 to 20,000rpm	Photo: 5 to 99,999rpm Contact: 0.5 to 19,999rpm
Surface Speed	0 to 78,720 inches/min 0 to 6560 ft/min 0 to 2186 yards/min	2.0 to 78,740 inches/min 0.2 to 6560 ft/min —
Length	0 to 2000 m/min 3.9 to 39370 inches 0.3 to 3280 feet 0.1 to 1093 yards 0.1 to 1000 meters	0.05 to 1999.9 m/min — — — —
Frequency (Hz)	333 Hz	—
Accuracy	0.05% rdg +1 digit	±(0.1% rdg +1 digit)
Sampling Time	0.5 Sec > 120rpm	1 Sec > 6rpm
Resolution	0.1rpm (<10,000 rpm); 1rpm (>10,000 rpm)	0.1rpm (<1000 rpm); 1rpm (>1000 rpm)
Dimensions / Weight	6.2x2.3x .6"(160x60x42mm) / 5.3oz (151g)	6.2x2.0x1.3" (160x50x33mm) / 6.4oz (182g)

**ORDERING**

RPM33 <b>N</b>	Combination Contact/Laser Photo Tachometer
RPM40 <b>N</b>	Combination Contact/Laser Photo Tachometer
461937	Spare reflective tape (23" each strip), 10pk



Contact RPM measurement

Laser Photo RPM measurement

### 461825 Combination Photo Tachometer/Stroboscope



CE

**Stroboscope to analyze rotating objects and Tachometer to measure rpms**

- Course and fine flash rate adjustments to freeze and analyze rotating objects
- Unique display characters that reverse direction depending on function mode
- Large 0.4" (10mm) 5 digit LCD display and memory stores Last/MAX/MIN readings
- Complete with four 1.5V AA batteries, reflective tape, and case; 1 year warranty

SPECIFICATIONS	PHOTO TACHOMETER (RPM)	STROBOSCOPE (FPM/RPM)
Range	5 to 99,999	100 to 100,000
Accuracy	±0.1%rdg	±0.1%rdg
Sampling Time	1 Sec ≥ 60rpm;	1 Sec ≥ 60rpm;
Resolution	0.1rpm (<1,000rpm), 1rpm (≥1,000rpm)	0.1fpm (<1,000fpm), 1fpm (≥1,000fpm)
Dimensions/Weight	8.5x2.6x1.5" (215x65x38mm) / 10.6oz (300g) ±0.1%rdg	

**ORDERING**

461825 <b>N</b>	Combination Photo Tachometer/Stroboscope
461937	Spare reflective tape (23" each strip), 10pk

### 461830/461831 Digital StroboTach



461834

**Freeze motion and analyze rotating objects without contact**

- Checks and analyzes motion and speed by simply aiming and synchronizing its flash rate (fpm) with a rotating object
- rpms on 4 digit LED display
- Flash/Speed Rate of 100 to 10,000fpm/rpm; Basic accuracy of ±0.05% rdg
- Duty Cycle of 5 to 30mins
- Tripod mount for stationary use
- Dimensions/Weight: 8.3x4.8x4.8" (211x122x122mm)/2.2lbs (1kg)
- Complete with 6ft (1.9m) power cord and handle; 1 year warranty

**ORDERING**

461830 <b>N</b>	Digital StroboTach 115VAC, 60Hz
461831 <b>N</b>	Digital StroboTach 220VAC, 50Hz
461834	Spare Xenon Lamp (est life 300hrs), 2pk

### 461950 1/8 DIN Panel Tachometer



461957 Photoelectric

461955 Proximity

CE

**Continuous & accurate readings from 5 to 99,990rpm**

- Large LED display updates 1/sec (rpm<60)
- Unique design permits rpm measurements of a one hole gear or disk eliminating the need for special gears
- A pulse is measured when a ferrous object (stud) passes by a proximity sensor
- Choice of two sensor pickup types (both include 6ft/1.8m cable): Proximity sensor: 0.1" (3mm) target distance, range up to 36,000rpm (600Hz); Photoelectric sensor: 0.4" (10mm) target distance, range up to 6000rpm (100Hz)
- 1 year warranty

**SPECIFICATIONS**

rpm	5 to 99,990rpm
Basic accuracy	±0.05%
Resolution	0.1rpm (5 to 1000rpm), 1rpm (1000 to 9999rpm), 10rpm (10,000rpm to 99,990rpm)
Power	115V or 230V AC; 50/60Hz
Dimensions/Weight	Bezel 3.8x1.9x2.4" (96x48x60mm); Panel cutout 3.6x1.8" (92x45mm) Meter 3.6x3.5x1.7" (92x90x42mm)/ 14oz (397g)
Sampling Time	1sec>60rpm, >1sec>10 to 60rpm
Dimensions/ Weight	4.9x2x1.3" (124x50x33mm)/ 4oz (114g)

**ORDERING**

461950 <b>N</b>	1/8 DIN Panel Mount Tachometer
461955	Proximity Sensor, max. 36,000rpm
461957	Photoelectric Sensor, max. 6000rpm