

461825

Combination Photo Tachometer/Stroboscope

\$329

2 meters in one — Stroboscope to analyze rotating objects and Tachometer to measure rpms

Features:

- Stroboscope coarse and fine flash rate adjustments to freeze and analyze rotating objects
- Battery operation brings motion analysis to any location
- Unique display features characters that reverse direction depending on measurement mode
- Large 0.4" (10mm) 5 digit LCD display
- Microprocessor based with quartz crystal oscillator to maintain high accuracy
- Tachometer memory stores last, max, and min readings

- Complete with four 1.5V AA batteries, reflective tape, & case

Specifications

	Photo Tachometer (rpm)	Stroboscope (fpm/rpm)
Range (rpm):	5 to 99,999	100 to 100,000
Accuracy:	$\pm(0.1\%rdg+2d)$	$\pm(0.1\%rdg+2d)$
Sampling Time:	1 Sec \geq 60rpm	1 Sec \geq 60rpm
Resolution:	0.1rpm ($<1,000$ rpm)	0.1fpm ($<1,000$ fpm)
	1rpm ($\geq 1,000$ rpm)	1fpm ($\geq 1,000$ fpm)
CE/Warranty:	CE approved, one year warranty	
Dims/Wt:	8.5x2.6x1.5" (215x66x38mm) / 10.6oz (300g)	

Ordering

461825	Tachometer/Stroboscope	\$329
461825-NIST	Tachometer/Stroboscope w/ NIST Certificate	\$429
461936	Spare reflective tape (23" each roll), 5pk	\$20



461830

Digital StroboTach

\$229

Freeze motion and analyze rotating objects without contact

Features:

- 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
- High accuracy over a wide, dynamic range via exclusive microcomputer LSI circuit and crystal control time-base
- Ideal for measuring the speed of moving gears, fans, pumps, motors and other equipment used in general maintenance, production, quality control or labs
- Tripod mount for stationary use

- Complete with 6ft (1.9m) power cord, and handle

Specifications

Flash/Speed Rate:	100 to 10,000fpm/rpm
Accuracy:	$\pm(0.05\%rdg+1d)$
Duty cycle:	5 to 30 minutes
CE/Warranty:	CE approved, one year warranty
Dimensions:	8.3x4.8x4.8" (211x122x122mm)
Weight:	2.2lbs (1kg)

Ordering

461830	Digital StroboTach 115VAC, 60Hz	\$229
461830-NIST	StroboTach 115VAC, 60Hz w/NIST Cert	\$329
461831	Digital StroboTach 220VAC, 50Hz	\$229
461831-NIST	StroboTach 220VAC, 50Hz w/ NIST Cert	\$329
461834	Spare Xenon Lamp (est life 300hrs)	\$29



5 Stroboscopes

461840

Programmable Digital Stroboscope/Tachometer

\$349

Microprocessor design for both speed and analysis of rotating gears, fans, pumps, and motors

Features:

- Speed reads as rpm (revolutions/min) or fpm (flashes/min) on LED display
- Coarse and Fine adjust via keypad
- Memory stores/recalls 3 measurements
- Phase shift (phase delay) adjustment to offset the strobes flashing signal is displayed in degrees and milliseconds for advanced motion analysis
- Includes stop motion function at 2:1, 3:1, 4:1 for harmonics
- Crystal time base & microcomputer LSI circuit provides 0.01% accuracy
- Allows user to divide/multiply reading by 2

- Complete with 6ft (1.9m) power cord and handle

Specifications

Ranges:	12 to 12,000rpm/fpm, Typical max 15,000
Resolution:	0.1<1000; 1.0 >1000
Phase Shift Adj:	0 to 2000ms, 0 to 360 degrees rpm
CE/Warranty:	CE approved, one year warranty
Dimensions:	8x4.8x4.8" (20x12x12mm)
Weight:	2.9lbs (1.3kg)

Ordering

461840	Programmable Stroboscope 117VAC 50/60Hz	\$349
461840-NIST	Programmable Stroboscope w/NIST Cert. 117V	\$449
461841	Programmable Stroboscope 220VAC 50/60Hz	\$349
461841-NIST	Programmable Stroboscope w/NIST Cert. 220V	\$449
461834	Spare Xenon Lamp (est life 300hrs)	\$29

