

Nova-Strobe Deluxe Digital Stroboscopes

Phase shifting models let you use your stroboscopes continuously

- View different parts of moving machinery
- High flash energy allows measurements in bright areas
- Tripod mount for extended hands-free operation



Phase-shifting stroboscope
87701-23

Standard Digital Stroboscopes feature an LCD readout of flashes per minute (fpm), x2 and ÷2 capacity for distinguishing actual rpm from harmonic frequencies, a memory for six flash rates, a recall function for last flash rate, and an external input and trigger output for remote synchronous operation.

Phase-Shifting Stroboscope shifts in 0.1° increments—view different parts of moving machinery with higher resolution and accuracy. Adjust readings by as little as 0.01 fpm. Store and recall nine full flash rate settings in nonvolatile memory—unit remembers last setting before shutoff.

What's included: a 6-ft (1.8-m) power cord (115 VAC models include plug) or the appropriate battery recharger, and an NIST-traceable calibration report supplied by the manufacturer.

Digital stroboscope kits include: a carrying case, power cord or recharger, and a spare lamp.

Phase-shifting stroboscope kits include: a carrying case, battery recharger/AC power supply that allows continuous operation, and a spare lamp.

Specifications

Range: Standard: 30 to 20,000 fpm Phase-shifting: 30 to 50,000 fpm	Flash duration: 8 to 20 µs sec
Resolution: Standard: 0.01 fpm Phase-shifting: 0.01 to 1.0 fpm	Flashtube life: 100 million flashes typical
Accuracy: 0.002% of setting or ±1 LSD	Flash color: 6500 K white xenon
Phase delay: (phase-shifting models only): 0.1 to 359.9°	Input/trigger output: Standard: 3.3 VDC TTL output Phase-shifting: 3.3 VDC TTL compatible; 40 µs sec pulse-positive/negative

Power source	Stroboscope only		Stroboscope kits	
	Cat. no.	Price	Cat. no.	Price
Standard stroboscope				
115 VAC, 50/60 Hz	GH-87701-15		GH-87701-16	
230 VAC, 50/60 Hz	GH-87701-17		GH-87701-18	
Internal battery/115/230 VAC recharger	GH-87701-21		GH-87701-22	
Phase-shifting stroboscope				
Internal battery/115/230 VAC recharger	GH-87701-23		GH-87701-24	

[GH-87000-82](#) Replacement strobe lamp. Included with kits

[GH-87000-90](#) Latched carrying case. Included with kits

[GH-87701-28](#) Remote optical sensor with 1/8" (0.3 cm) phone plug termination; 8-ft (2.4-m) L cable

[GH-87701-30](#) Magnetic trigger sensor/amplifier with 8-ft L cable

[GH-17050-10](#) NIST-traceable recalibration with data for stroboscope

Pocket Stroboscope

Get high performance in an affordable unit

- Internal lithium ion battery provides two hours of continuous operation
- Can operate continuously using supplied AC adapter
- Fits in pocket or can be worn on optional belt holster
- Accepts input from sensor for external flash triggering



The pocket stroboscope is a highly stable instrument for taking noncontact rpm measurements and inspecting moving parts by “freezing” or “slowing down” the action. The pocket stroboscope requires only one hand to operate, yet delivers performance comparable to much larger and more expensive “pistol-grip”-type models.

What's included: External triggering jack, hard-shell carrying case, universal AC adapter/charger with plug adapter, and calibration document supplied by the manufacturer.

Model number	PK2X-N
Catalog number	GH-53561-00
Flash range	30 to 12,500 FPM
Flash brightness	1200 lux (@ 4500 FPM from 8" distance)
Resolution	±1 FPM over the entire range
Accuracy	±0.01% over the entire range ±1 digit
Flash energy	170 mJ maximum
Flash tube longevity	200 million flashes
External trigger	0 to 5 volt, DTL/TTL compatible 1/8" jack
Power	Rechargeable internal lithium-ion battery (2-hr run time regardless of flash rate) or universal 100–240 VAC adapter (continuous use)
Price	

LED Stroboscope

Long-lasting LED light source

NEW



- Push-button operation with x2 and /2 buttons for quick adjustments
- Reset quickly—stores up to nine flash rates for both FPM and Hz
- Highly stable drift-free operation provides precision accuracy
- Rugged aluminum housing withstands challenging industrial environments

What's included: carrying case, AC adapter/charger, and NiMH rechargeable battery.



Model number	ESL-200
Catalog number	GH-53502-08
Range	12.0 to 150,000 FPM/RPM
Resolution	±0.1 FPM/RPM
Accuracy	±0.01%, ±1 LSD
Display	5-digit LCD
Dimensions (L x W x H)	7 1/2" x 3" x 1 1/16" (19 x 7.4 x 3.3 cm)
Power	NiMH rechargeable battery
Price	