

LED Stroboscope

Model ESL-20

The ESL-20 series LED stroboscope is designed to measure the speed of rotating or cycling linear motion objects without contact or reflective tape, as well as freeze motion visually. Built with an aluminum housing and the latest technology, it's compact size, NiMH rechargeable battery and lifetime LED lights make it a perfect choice for use anywhere on the factory floor. The ESL-20 is ideal for speed, motion and vibration analysis, such as rotating shafts, fans, cams, etc.

**Brightest
Compact
LED Strobe**

The brightest, fully featured LED stroboscope in a trim, efficient design.

- High efficiency LED solid-state light source – never needs replacement like traditional xenon lamps.
- Extended battery life of **10 hours** continuous use at 6,000 fpm/rpm
- Pulse Width Modulation for sharp images at high speed
- Highly stable drift free operation
- Auto wide measuring range – up to 120,000 fpm/rpm (over 100,000 display flashes)
- Push button operation with x2 and ÷2 buttons for easy and precise adjustment
- 359° Digital phase shift adjustment by 1° increments
- Store up to 19 flash rates in memory for records or quick retests (Restarts at the last flash rate)
- Rugged aluminum housing – compact size – weighs only 1.2 lb (540 g)
- Easy-to-read 5 digit 0.47" (12 mm) high LCD
- External trigger input and output
- Tripod mountable
- Kit includes stroboscope, AC Adapter/charger, and carrying case.



Specifications	
Range	Resolution
6.0 to 9999.9 fpm/rpm	±0.1 fpm/rpm
10000 to 120000 fpm/rpm	±1 fpm/rpm (over 100,000 display flashes)
Accuracy:	±0.007%, ±1 LSD
Display:	12mm high, 5digit LCD
Power:	NiMH rechargeable battery
Battery Life:	10 hours (@6,000 rpm when fully charged)
Operating Temp:	0 to 45° C
Weight:	1.2 lb/540 g

Specifications subject of change without notice.

