

# Compact LED Stroboscope

## With Selectable Flash Duration



### Model NS-600

The NS-600 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. Aluminum housing, the latest technology, compact size and LED light make it a perfect choice for use anywhere on the factory floor. Selectable flash rate for sharp images at high speed. The NS-600 is ideal for speed, motion and vibration analysis, such as rotating shafts, fans, cams, etc.



NS-600 Kit

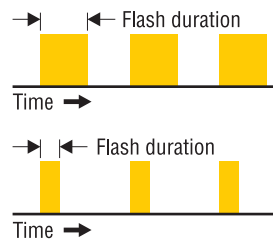
The brightest, fully featured LED stroboscope in a compact, efficient design.

- High efficiency LED solid-state light source – never needs replacement
- Extended battery life of **8 hours** continuous use at 6,000 fpm/rpm
- Highly stable drift free operation
- Auto wide measuring range – up to 120,000 fpm/rpm
- Push button operation with x2 and ÷2 buttons for quick adjustment
- Store up to 9 flash rates in memory for records or quick retests
- Rugged aluminum housing – compact size
- Easy-to-read 5 digit 0.47" (12 mm) high LCD
- NS-600 kit includes stroboscope, two AA batteries and carrying case



### Selectable Flash Duration

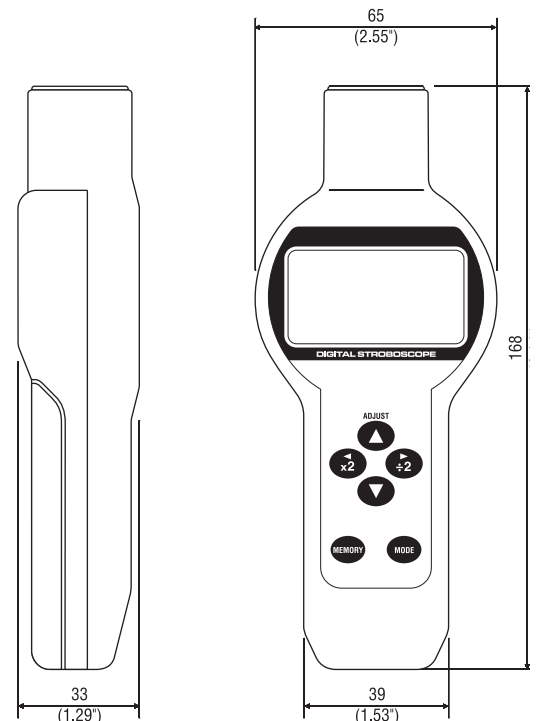
For most applications standard flash duration works without adjustment. For high rpm or larger objects rotating with high surface speed, NS-600 features selectable flash duration.



For high speed applications, objects may move during the brief period of a single flash, resulting in a blurred image. By decreasing flash duration, objects have less time to move and the image will appear sharper.

Range	Resolution
12.0 to 9999.9 fpm/rpm	±0.1 fpm/rpm
10000 to 120000 fpm/rpm	±1 fpm/rpm (over 100,000 display flashes)
.20 ~ 999.00 Hz	0.01 Hz
1000.0 ~ 2000.0 Hz	0.1 Hz

Specifications	
Selectable Units:	fpm or Hz
Accuracy:	±0.01%, ±1 LSD
Display:	12mm high, 5digit LCD
Power:	2- AA batteries
Battery Life:	8 hours (@6,000 rpm when fully charged)
Operating Temp:	0 to 45° C
Weight:	.5 lb/225 g



Specifications subject of change without notice.

