

Compact and lightweight
at only 220 g

Flash frequency and other settings
can be adjusted using a knob.

Brightness can be
freely adjusted.



Powered by 2 AA batteries

Wide flashing range
30–360,000 FPM

Built-in Ultra-bright White LEDs
Uniform illumination
Saving time and costs of lamp replacement

POCKET STROBE P-2

**Check the motion
without stopping it.**

Lightweight! Bright! Long Life!
Easy operation using a knob!
Pocket-sized LED Stroboscope



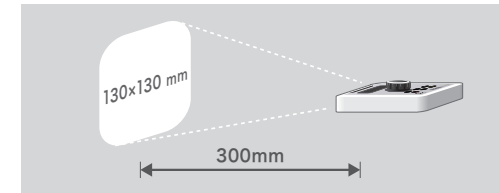
Stroboscopes are being applied in various fields such as, measuring the motor speed, checking rapidly moving machinery parts, surface inspection in steel and printing industries, and analysis of high-speed phenomena in R&D.



POCKET STROBE

P-2

Uniform and bright illumination
P-2 illuminates a range of 130 × 130 mm uniformly from a distance of 300 mm.



Easy operation using a knob!

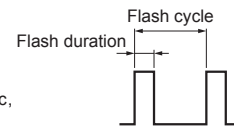
Two ways to set the flash duration

Duty cycle setting mode

Brightness can be adjusted in ten steps from 0.1% to 1%. Since light intensity is constant at the set ratio, brightness of the strobe image is constant even when the flash frequency is increased or decreased.
▶ It is suitable for usual rotational speed measurement.

What is duty cycle?

Duty cycle is the ratio of flash duration to flash cycle.
For example, when the flash cycle is 100 μsec and the flash duration is 1 μsec, the duty cycle is 1%.



Time setting mode

Flash duration can be controlled by setting it from 0.1 μsec to 1% of the flash cycle (up to 500 μsec) in increments of 0.1 μsec. Since flash duration is constant at the set time, sharpness of the strobe image is constant even when the flash frequency is increased or decreased.
▶ It is suitable for observing high-speed moving/rotating objects.

Specifications

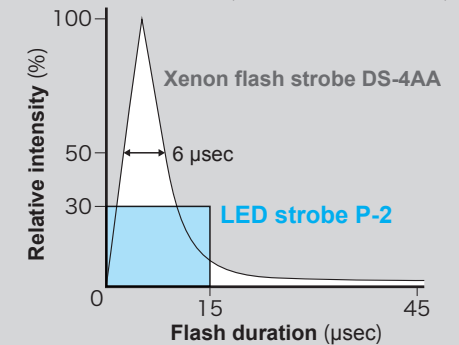
Flash range	30-360,000 FPM Resolution: : 0.1 FPM
Flash duration setting	Duty cycle: 0.1–1% of a flash cycle (500 μs or less) Time: From 0.1 to 500 μsec (1% of a flash cycle or less)
Light source	Ultra-bright white LEDs
Battery	Two LR6 (AA) batteries (sold separately) Battery Life: 2 hours with alkaline batteries at 6,000 FPM and duty cycle 1.0%.
Weight	220 g
Dimensions	L135 × W 76 × H 39 (mm)

Easy-to-use LED strobe

Xenon lamp strobes have an advantage in ultra-fast rotational speed measurement and extremely small target observation. LED strobes are easier to use for ordinary speed measurement and standard observation.

Flash duration of LED strobe P-2 and xenon flash strobe DS-4AA

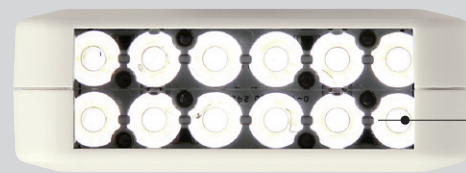
(200 mm distance, 6,000 FPM)



Xenon lamp strobes feature instantaneous flash light of high intensity. LED strobes emit a large amount of light by adjusting the flash duration.

Silicon cover (accessory)

Suitable for anti-slip and for protection



Equipped with high-intensity, long-life, ultra-bright white LEDs



OEL display easy to see even in bright places

Adjustment knob

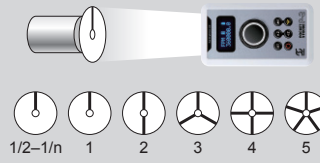
UNIT Key
Choosing preferred units of flash frequency and flash duration

Flash-duration setting key
Flash duration and brightness can be freely adjusted.

Measuring rotational speed using Pocket Strobe P-2

Draw a mark on the rotating body.

Illuminate the mark using Pocket Strobe P-2. The value shown when turning the knob to make the mark appear to be a single stationary image is the rotational speed. For best results, start with a high flash frequency and gradually lower it to search for the image. If the mark is hard to see, increase flash duration by pressing the 'Flash-duration setting key'.



The subject appears as a single stationary image either when the flash frequency is equal to the speed or is an integer fraction of it. When a single stationary image appears, press the 'x2' key. If the value is correct, pressing the 'x2' key will produce two images.

⚠ Read the instruction manual before using the device to ensure safety and to avoid damage to the device.

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