

Utilizing super bright high-powered black light CREE LED lamps, these stroboscopes are perfect for UV ink printing applications. The ST-320BLs LED array provides a bright, stable strobe light over a wide measurement range with a lifetime far exceeding xenon lit stroboscopes. The unit can work off user adjusted flash frequency or from a remote sensors signal which will automatically adjust to corresponding process fluctuations.



A **Nidec** Group Company
SHIMPO

Manufacture: Shimpo

SKU: **ST-320BL-2**

Weight: 2.00 lb

Free Ground Shipping within the
48 continental US States

Please Call
(800)832-0055

Features

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Features

- Wide Flash Range 60 – 120,000 Flashes/min. (1-2000 Hz) can be adjusted to meet almost any high-speed application
- Long-life Black Light LED operation for UV ink applications
- Adjustable Flash Pulse duration achieves sharper images for detailed inspection
- Phase Shift Advances or retards flash timing for viewing gear teeth, cutting surfaces, repeats or "drifting" images
- Input sensor trigger function allows process machinery to control flash rate
- Delay time adjustment combined with leading or trailing edge activation simplifies process set-up when using external signal input
- x2 and 1/2 keys for large adjustment rate change or +/- for fine tuning
- 1/4-20 UNC connection for permanent mount applications (remove trigger handle)

Applications

The ST-320BL is designed for speed and frequency measurements in the printing, packaging, textile, automotive, cable, mining, steel, chemical, optical and medical industries in various applications

Whats included with the SHIMPO ST-320BL-1

- Stroboscope
- Carrying Case
- Power Recharging Adapter with cord

Specifications

| Model | ST-320BL-1 | ST-320BL-1-230V | ST-320BL-2 |
|--------------------------|---|-----------------|---|
| Power Requirement | 100-120 VAC | 220-230 VAC | Rechargeable Battery with 100-240 VAC power adapter |
| Battery | - | - | Lithium DC 10.8V 2000mA |
| Battery Life | - | - | Approx. 12 hrs depending on settings |
| Flash Rate Range | 60 to 120,000 FPM; 1-2000 Hz | | |
| Accuracy | 0.01% ±1 digit of F.S. @ 77°F (25°C) | | |
| Lamp Lifetime | Approximately 3 to 5 years depending on usage | | |
| Display | Backlit LCD | | |
| Flash Duration | 0.1°- 2.5° | | |
| Phase Shift | 0-359° | | |
| Input Signal | 12 V Pulse Input; 3 pin M-12 | | |
| Input Signal Range | 60-120,000 FPM (1-2000 Hz) | | |
| Input Pulse Width | Over 50 µs | | |
| Input Signal Flash Delay | 0-999 ms; 0-359° | | |

i81u812

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