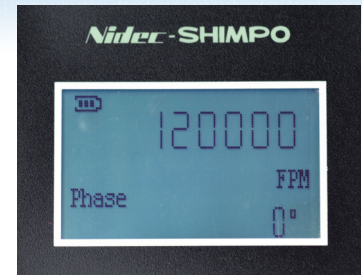


## Series DT-326B LED Stroboscope

**The Series DT-326B is a portable, light-weight stroboscope utilizing super bright high powered LED lamps.** The DT-326B's LED array provides a bright, stable strobe light over a wide measurement range with a lifetime far exceeding xenon lit stroboscopes. Containing a rechargeable lithium battery, a single charge can last up to a full 12 hours of operation. The DT-326B is designed for speed and frequency measurements in motion and vibration analysis applications. It is ideal for predictive and preventive maintenance applications such as: motors, shafts, roto-gravure printing, extruders, blow molding, wire lettering and striping, engraving, pulse jets, water jets, fans, cams, gear teeth, belt inspections, fuel injectors, vibration analysis, audio speaker analysis, spindle spinning, cutting blade timing and sharpness, plus many more in the printing, packaging, textile, automotive, cable, mining, steel, chemical, optical, medical and shipbuilding industries.

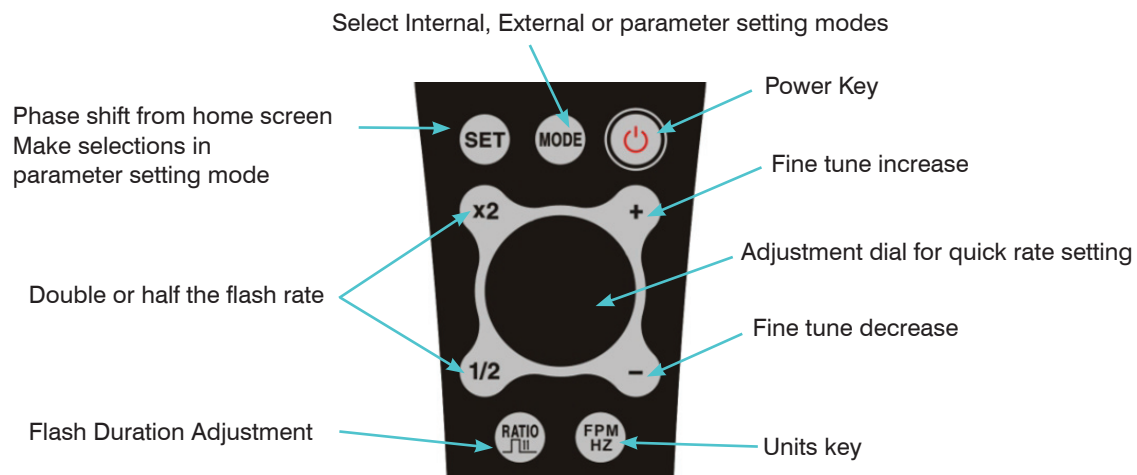


LED Panel Display  
Close-up

### Features

- Wide Flash Range 60 - 120,000 Flashes/min. (1-2000 Hz) can be adjusted to meet almost any high-speed application
- Adjustable Flash Pulse duration achieves sharper images for detailed inspection
- 100 - 240 VAC Line Power Operation with AC adapter for continuous use or rechargeable battery for maximum portability
- 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
- Long-life LED operation

### DT-326B Easy Operation Panel



## DT-326B Specifications

<b>Flash Rate Range</b>	60 to 120,000 FPM ; 1-2000 Hz
<b>Accuracy</b>	0.01%±1 digit of F.S. @ 77° F (25°C)
<b>Lux Rating (Approx.)</b>	6000 FPM & 2.5°: Distance 8" (20 cm) 5800 lx with 4" (100 mm) irradiation dia., Distance 20" (50 cm) 1050 lx with 6" (152 mm) irradiation dia. 1500 FPM & 2.5°: Distance 8" (20 cm) 6400 lx with 4" (100 mm) irradiation dia., Distance 20" (50 cm) 1125 lx with 6" (152 mm) irradiation dia.
<b>Lamp Lifetime</b>	Approximately 3~5 years depending on usage.
<b>Display</b>	Backlit LCD
<b>Resolution</b>	60 ~12,000 FPM = 0.1 FPM 12,001~120,000 FPM = 1 FPM 1~200 HZ = 0.01 Hz 201~2000 = 0.1 Hz
<b>Flash Duration</b>	0.1°- 2.5°
<b>Phase Shift</b>	0-359°
<b>Power Requirement</b>	100-240 VAC 50/60Hz
<b>Battery</b>	Lithium DC 10.8V 2000mA
<b>Battery Life</b>	Approx. 12 hours depending on settings
<b>Input Signal</b>	12 V Pulse Input
<b>Input Signal Range</b>	60-12,000 FPM (1-2000Hz)
<b>Input pulse width</b>	over 50 $\mu$ s
<b>Input Signal Flash Delay</b>	0-999 ms; 0-359°
<b>Temperature Limits</b>	32-95°F (0-35°C)
<b>Humidity Limits</b>	35 to 85% RH
<b>Enclosure</b>	ABS
<b>Product Weight</b>	0.84 lb (380 g)
<b>Package Weight</b>	3.50 lb (1.6 kg)
<b>Dimensions</b>	8.2 x 2.8 x 2.4" (208 x 70 x 60mm)
<b>Approvals</b>	CE
<b>Warranty</b>	1 year
<b>Included Accessories</b>	AC power adapter, Carrying Case

## Ordering Details

<b>DT-326B</b>	Portable LED Stroboscope with AC or Battery Power, Included Protective Carrying Case
<b>NIST-LEDSTROBE</b>	NIST traceable certificate for digital stroboscopes, includes data



**DT-326B in Included Protective Carry Case.**

DISTRIBUTED BY:  
**Electromatic Equipment Co., Inc.**  
 600 Oakland Ave. Cedarhurst, NY 11516  
[www.Checkline.com](http://www.Checkline.com) 1-800-645-4330