

SHIMPO Handheld Stroboscopes

Company Information

Terminal Blocks

Power Distribution Blocks

Wiring Accessories

ZIPLink Connection System

Multi-wire Connectors

Sensor Cables and Connectors

M12 Junction Blocks

Panel Interface Connectors

Wiring Duct

Cable Ties

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Enclosure Climate Control

Safety: Electrical Components

Safety: Protective Wear

Terms and Conditions

DT-326 Portable LED Stroboscope

The DT-326 is a portable stroboscope utilizing super bright LEDs in a robust, durable all-metal design. The DT-326's unique LED array provides an accurate, stable strobe light. The innovative LED design allows for a longer flash life (5 times longer than traditional xenon flashtubes). The DT-326 is designed for speed (RPM) and frequency (Hz) measurements in motion and vibration analysis. 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, audio/speakers, fuel injectors, vibration analysis and cutting blade timing and sharpness. With its intuitive "ONE HAND" controls, wide range adjustable flash rate, superior brightness, focus control, silent operation and AC/DC power flexibility, the DT-326 LED Stroboscope provides a superior value in a compact, ergonomic package.



DT-326



Features

- Wide flash range of 60 - 120,000 flashes per minute (1-2000Hz) can be adjusted to meet almost any high-speed application
- Ratio control (Flash Pulse Duration) adjustable flash pulse duration achieves sharper images for critical inspection
- Line or battery power operation: AC adapter for continuous use or (4 x AA batteries) for maximum portability
- Phase shift advance or retard flash timing for viewing gear teeth, cutting surfaces, repeats or "drifting" images
- Input/Output interface: Input sensor triggers or output synchronization controls*
- CE compliant.
- 2-year warranty

| DT-326 Portable LED Stroboscope | | |
|---------------------------------|---|----------|
| Part Number | Description | Price |
| DT-326 | LED portable stroboscope, with AC adapter, backlit LCD display with continuous update | \$756.00 |

* Requires additional cables and / or accessories not available from AutomationDirect. Contact Shimpo Instruments at (800) 237-7079 or www.shimpoinst.com/contact-us

| DT-326 Specifications | | | | |
|--|---|--------------------------------|----------------------------|--|
| Flash Rate Range | High Range | 60 - 120,000 FPM, 1 - 2,000 Hz | | |
| | Low Range | 60 - 12,000 FPM, 1 - 200 Hz | | |
| Accuracy | ± 0.02% of reading | | | |
| Flash Rate Range/Resolution | Unit FPM | High Range | 1 FPM | 60 - 30,000 FPM |
| | | | 2 FPM | 30,002 - 60,000 FPM |
| | | 5 FPM | 60,005 - 100,000 FPM | |
| | | 10 FPM | 100,010 - 120,000 FPM | |
| | Low Range | 0.1 FPM | 60.0 - 3,000.0 FPM | |
| | | 0.2 FPM | 3,000.2 - 6,000.0 FPM | |
| | | 0.5 FPM | 6,000.5 - 12,000.0 FPM | |
| | | Unit HZ | High Range | 0.1 Hz |
| Low Range | 0.01 Hz | | 0.01 - 200 Hz | |
| Ratio (Flash Duty) | 0.1 - 2.5° (/ 360°) Setting of every 0.1° | | | |
| Light Source | High brightness LEDs | | | |
| Flash Mode | Normal and ECO(Power Saving Mode) | | | |
| Flash Delay/Phase Shift | Time: 0 - 999 ms; Angle: 0 - 359° | | | |
| Controls | Power, Multiply by 2, Divide by 2, Phase Shift±, Ratio, ECO, Mode Setting | | | |
| External Trigger Input | Photocoupler input 12mA/DC12V | | | |
| External Clock Output | Photocoupler Output 30mA/DC30V, Pulse width 200µs | | | |
| Light Power (Illumination/Brightness) | Normal: 1,300 lux | 6,000 FPM | 7.87in (20cm) | |
| | Normal: 200 lux | | 19.69in (50cm) | |
| | ECO: 400 lux | 6,000 FPM | 7.87in (20cm) | |
| | ECO: 100 lux | | 19.69in (50cm) | |
| Display | LCD with backlight | | Main display: 6 characters | |
| | | | | Sub-display: Flash, Units, Battery, Settings |
| Power Supply | 4 AA Alkaline Batteries. 80 minute operation in ECO mode, 20 minute in normal operation AC Adapter: AC 100V - 240V 50/60Hz 24 - 33VA (2.0A/DC5V) | | | |
| Operating Temperature | 32 - 95° F (0 - 30° C) | | | |
| Dimensions | 8.66 in. L x 2.76 in. W x 2.36 in. H (220 mm x 70 mm x 60 mm) | | | |
| Weight | 1.1 lbs (0.55 kg) | | | |
| Agency Approvals | CE | | | |
| Included Accessories | Carrying case, AC adapter and cable, Input/Output connector kit, (4) alkaline AA batteries, manual, warranty card | | | |
| Construction | Aluminum | | | |