Handheld Stroboscopes

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	0.1 - 2000 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			

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