

LS SERIES 6000



HIGH-INTENSITY LINEAR STROBOSCOPES

The new CHECK•LINE LS Series Linear Strobe provides an extremely bright, uniform light source that is ideal for visually inspecting narrow and wide web-type products, such as labels, printed material, textile fabrics, metals, non-wovens and more.

Flexible Customization Options:

Electromatic's experienced application engineering team will work with you to customize an inspection solution that meets your need precisely.

Solid Technical Support:

All service and repairs are performed at our modern facility, assuring you of quick turn-around and quality work.

- ▲ Super-bright Xenon tube and highly-polished reflector combine to generate industry-leading light intensity and uniformity
- ▲ Internal & external control for flash frequency and intensity (brightness)
- ▲ Steel enclosure efficiently dissipates heat eliminating the need for bulky heat sinks
- ▲ Models are offered in 10 inch (250mm) and 15 inch (380mm) widths. LS Series strobes accommodate up to 36 inch web widths. Two or more units can be combined for continuous inspections of wider widths.



15 inch model (LS-15)

10 inch model (LS-10)

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Specifications			
Energy Output	.72 joules	Frequency Adjustment	Variable Control External
Flash Duration	LS-10: 8–10 μ s LS-15: 10–12 μ s	Sensor Types	Magnetic pickups, contact closures or open collectors (PNP)
Flash Range	0-6000 FPM Internal Mode: 250–6000 External Mode: 0–6000 Custom ranges available upon request	Operating Temp	-10 to 110° F (-23 to 43 °C)
Illumination	180 ft-c (1960 Lux), measured at 2400 fpm	Operating Humidity	0 to 90% noncondensing
Coverage, Max. Web Width	LS-10: 24 inches (600 mm) LS-15: 36 inches (900 mm)	Body Material	Fabricated Metal Enclosure
Flash Frequency Adjustment	INTERNAL, using 10-turn potentiometer EXTERNAL, using external trigger sensor	Weight	LS-10: 4.2 lbs (1.9 Kg) LS-15: 5.6 lbs (2.6 Kg)
Flash Brightness Level	INTERNAL, using 1-turn potentiometer (50-100%) EXTERNAL, 10:1 using voltage input (0-6 Vdc)	Dimensions	LS-10: 10"L x 5.4"W x 6.4"H LS-15: 15"L x 5.4"W x 6.4"H
Trigger Supply	Regulated 12VDC @100mA Ext.	Power	115/230 VAC 50/60Hz (Specify prior to order)
Trigger Input	Signal (+5V at 20mA) (Optically Isolated) NPN	Power Usage	0.5A maximum
		Flash Tube Life	100 million flashes (While maintaining 70% of initial intensity)
		Accessories	Label Sensor, Extra Tube, Cables
		Customization	Electronics, Lamp, UV, Kelvin Correction, Color Correction, etc.
		Warranty	1 year

Spare Parts & Accessories			
Part Description:	Part #	Part Description:	Part #
Flash Tube	Flash Tube-10	Male Din Connector Attachment	Din-Male
Power Cord 110 VAC	Cord-110	Sensor (printing, label inspection, etc.)	LP- 25 Connector
Power Cord 220 VAC	Cord-220	Connector	Digikey: 275-1011-ND Singatron: YE-1338A
Fuse	Fuse-1.5A		
Daisy Chain Cable	D-Cable		