

LS SERIES



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)

LS SERIES LINEAR STROBOSCOPES

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 | | |

CHECK•LINE® – PRECISION QUALITY CONTROL INSTRUMENTS

Electromatic Equipment Co., Inc.
600 Oakland Ave.
Cedarhurst, N Y 11516 —USA

Tel: (800) 645-4330 (USA & Canada)
Tel: (516) 295-4300
Fax: (516) 295-4399

Email: info@checkline.com
Website: www.checkline.com

FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER CALL TOLL FREE 1-800-645-4330