

Technical Stroboscope RT STROBE 5000 LED

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**stroboscope with intelligent LED technology for amplitudes up to 500 mm /
no abrasion from electronic-flash-tubes / input signal generator**

The main advantage of a steady-state stroboscope RT STROBE 5000 LED with intelligent LED-technology results from the absence of a short life xenon-tube, which is usually the first defective part which has to be replaced. In comparison to that, the LEDs of this stroboscope are nearly indestructible with no detectable wear. 120 LEDs achieve a significantly higher flash frequency than xenon-tubes and produce a subjectively pleasant light with noiseless flashes. The activation of the rotation speed control counter occurs directly by the observed system or via the supplied control unit RT Strobe ECO control. This small control unit can simply be plugged into one of the jacks on the rear panel of the stroboscope. Due to the standard existing connections, both, a machine signal, and a signal of the control unit can be transmitted simultaneously. Switching between the two inputs can be achieved by using the rocker switch on the rear side of the stroboscope

- low-wear LED light trigger
- illumination level 300 x 500 mm
- high intensity of light 7500 LUX
- adjustable light frequency
- web width > 500 mm
- rotary device parallel operation

Technical data

General parameter

Frequency range	0...120,000 FPM (flashes per minute)
Voltage supply	15...28V DC/ 60W
External triggerinput	3...30 V / max. 5 mA (potential freeOptokoppler) DIN 41524 5pin Standardstecker Uout = Uin, max. 200 mA Trigger input switchable for parallel circuit
Triggeroutput	

Flash Parameter

Flash period	< 10 µs.
Luminous intensity	standard, 30 – 100%
Light intensity	single flash ca. 20 Mega-Lux / 30 cm / 12"
Mean	ca. 7,500 Lux / 30 cm / 12" (@ 6.000 FPM)
Flash energy	2.000mJ (@ ≤ 1.000 FPM)

Light colour 6000...6.500K

Case

Material Aluminium
Diameter 224 x 130 x 112 mm / 8.8 x 5.1 x 4.4"
Weight 2,100 g

Ambient conditions

Ambient temperature 0...40 °C (32...104 °F)
Storage temperature -25...70 °C (-13...158 °F)
Humidity Max. 95 %, non-condensing

Delivery contents:

1x Stroboscope RT STROBE 5000 LED, 1x mains adapter, 1x manual, 1x plug for triggerinput and supply