

Technical Stroboscope RT STROBE 7000 LED

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**static 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 7000 LED with intelligent LED-technology results from the absence of a short life xenon-tube. Mostly this STROBE 7000 LED is the first defective part which has to be exchanged. In comparison to that, the LEDs of this stroboscope are nearly indestructible with no detectable wear. 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 lightning trigger
- illumination level 300 x 500 mm
- high intensity of light
- 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	24 VDC (+/- 10%) / 40 W DIN 41524 5pin Standardstecker Universelles Netzteil verfügbar
External triggerinput	3...30 V / max. 5 mA (potential free Optokoppler) DIN 41524 5pin Standardstecker
Triggeroutput	U _{out} = U _{in} , max. 200 mA Triggerinput switchable for parallel circuit

Flash Parameter

Flash period	1-1000 µSec. (adjustable)
Luminous intensity	standard, 30 - 100%

Light intensity single flash	ca. 20 Mega-Lux / 30 cm / 12"
Light intensity max.	9.000 Lux @ 30 cm / 12"
Illumination area	300 x >500 mm / 12 x >20"
Light colour	ca. 5,000...8,300 K

Case

Material	Aluminium
Diameter	440 x 130 x 112 mm / 17.3 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 7000 LED, 1x mains adapter, 1x manual, 1x plug for triggerinput and supply