

... always at hand !

HELIO-STROB micro

LED - hand-held strobe

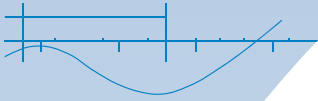
Your advantages:

- Extremely long-lasting operation and product life by the innovative LED technology
- Handy and light
- One-hand operation
- Robust industrial quality
- Flash frequencies up to 2000 Hz
- Tachometer mode*
- Optimal price / performance ratio



ELMED
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HELIO-STROB micro



Applications:

HELIO - STROB micro: to be applied to processes requiring an uncomplicated, optical control or to the visualization of quick production sequences, as well as to the contact-free revolution and vibration measurement. The combination of micro-processor control and innovative LED technology in a handy vest pocket size provides among a variety of functions for a complex range of options: long product life, maintenance - free product quality (no wear-out components), no generation of heat.

Features as

- phase shifting up to 360° for the switch of the observation point
- alternative selection of the rotation or flash frequency
- frequency selection by fast search mode
- frequency divider and multiplier
- memory for 4 flash frequencies
- adjustable flash duration

create a maximum flexibility for the mobile application of the "micro".

The TTL compatible trigger input enables, additionally to the internal control, the comfortable synchronization of the stroboscope with external signal transmitters, as well as the operation as a contact-free tachometer*.

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"always at hand"

Amendments subject to
technical developments
reserved.

Technical Data

Power supply	3V (2 Mignon cells AA / LR6)
Power consumption	35..125 mA depending on operation mode
Dimensions	195 x 80 x 56 mm
Weight	174 g
Light source	25 ultra bright light-emitting diodes
Internal flash rate control	adjustable by membrane keyboard
External flash rate control	optional, 3 bis 10 V (TTL compatible)
Frequency range / fpm	1 - 2000 fps / 60 - 99999 fpm
Measured value display	digital, 5-digit 7-segment display, red, character height 8 mm
Display in fpm / fps	yes / yes
Measuring time	0.33 s (min. 1 period)
Display resolution	up to 0.01 fps / 0.1 fpm
Phase shifting	in degrees
Display in degrees / ms	yes / no
Degree range / ms	0 - 360° / -
Degree resolution / ms	0.1° / -
External triggering	optional, adjustable positive / negative flank
Special functions	integral frequency multiplication / division on internal trigger automatic flash duration adjustment or set-up power save mode for display memory for 4 frequencies max. 360 Lux
Light intensity at 20 cm distance	
Operating temperature	0°...+40°C
Storage temperature	-20°...+85°C
Air humidity	80% relative air humidity at 30°C

* optional, in case of external triggering only