

HIGH-PERFORMANCE STROBOSCOPES FOR INDUSTRY AND RESEARCH



## HELIO-STROB micro

... the hand-held high-performance LED stroboscope for mobile use

- Q extremely long service and product life by innovative LED technology
- Q flash frequency up to 2000 Hz
- Q frequency selection by fast search mode
- Q light and handy
- Q single-hand operation
- Q rugged industrial grade
- Q adjustable flash duration
- Q electronic shifting of the focus



**ELMED**  
MESSTE · HNIK

# HELIO-STROB micro

## Applications

HELIO-STROB micro: to be applied to processes requiring an uncomplicated, optical control, to the visualisation 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 offers a multitude of functions and advantages: long product life, maintenance-free product quality (no wear-out components), no generation of heat.



The LEDs display the current status and the selected function

- Q phase shifting up to 360° for variably changing the observation point
- Q alternative selection of the rotation or flash frequency
- Q frequency selection by fast search mode
- Q frequency divider and multiplier
- Q memory for 4 flash frequencies
- Q adjustable flash duration
- Q on option: traceable DKD calibration certificate (the Accreditation Body of "Deutscher Kalibrierdienst")

The convincing product advantages ensure maximum flexibility for the mobile use of the "micro".



Storage in the robust plastic box

## Technical Data

Power supply	3 V (2 mignon standard batteries AA / LR6)
Power consumption	35 ... 290 mA dependant on the operating mode
Dimensions	140 x 63 x 30.5 (mm)
Weight	approx. 175 g
Light source	25 high-brightness light-emitting diodes (LED's)
Frequency range in Hz / min <sup>-1</sup>	1 – 2000 Hz / 60 – 99999 min <sup>-1</sup>
Control of the flash rate by	membrane keyboard
Measured value display	digital, 5-digit 7-segment display, display in Hz / min <sup>-1</sup>
Resolution of the display	up to 0.01 Hz / 0.1 min <sup>-1</sup>
Phase shifting	0 – 360°
Special features	frequency divider & multiplier adjustable flash duration low-power mode memory for 4 flash frequencies
Light intensity	600 Lux max. (at a distance of 20 cm)
Operating temperature	0° ... +40° C
Storage temperature	-20° ... +85° C
Air humidity	max. 80 % relative air humidity at 30° C
Protection class	IP41
Certification	CE
Scope of supply	HELIO-STROB micro, hard shell carrying case, set of batteries (2 x AA / LR6 mignon)
Art.-No.	0300700000

Revisions in the course of technical progress reserved.



**Power Tech International Group**  
sales@powertech-group.com  
www.powertech-group.com

**LMED**  
MESSTE · HNIK