

HIGH-PERFORMANCE STROBOSCOPES FOR INDUSTRY AND RESEARCH



HELIO-STROB micro

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

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

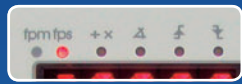


ELMED
MESSTECHNIK

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

- phase shifting up to 360° for variably changing 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
- 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 ⁻¹	1 – 2000 Hz/60 – 99999 min ⁻¹
Control of the flash rate by	membrane keyboard
Measured value display	digital, 5-digit 7-segment display, display in Hz / min ⁻¹
Resolution of the display	up to 0.01 Hz/0.1 min ⁻¹
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.

