

HIGH-PERFORMANCE STROBOSCOPES FOR INDUSTRY AND RESEARCH



HELIO-STROB micro2

... highlighting benefits

- brilliant light output up to 3800 Lux
- internal and external triggering
- flash frequency up to 2000 Hz / 99999 min⁻¹
- numerous functions
- pocket-sized and handy
- accumulator and battery operation
- rugged industrial grade
- maintenance-free



ELMED
MESSTECHNIK

HELIO-STROB micro2

Applications



The HELIO-STROB micro2 comes with the latest LED generation. Concentrated brightness – pocket-sized. The interface for external trigger expands the range of application by “automatic synchronisation” – even with instable clock pulse and revolution speed. The legendary handiness remains the same, given the fact that simply by using intelligent electronics, LED and reflector technology the light intensity has been multiplied. HELIO-STROB micro2: For the first time ever, the light efficiency of a LED stroboscope gets comparable to the one of conventional flash tubes!



external trigger

- phase shifting up to 360° for variably changing the focus
- alternative selection of the RPM or flash frequency
- frequency selection by fast search mode
- frequency divider and multiplier
- memory for 4 flash frequencies
- adjustable flash duration for pin sharp images and uniform illumination



Delivery in the robust plastic box

Technical Data

Power supply	2.4 – 3 V (2 mignon cells AA / LR6 or 2 mignon accumulators AA / HR6)
Operating time	up to 15 hours
Dimensions / Weight	140 x 63 x 38 (mm) / 175 g
Light source	3 ultra-bright CREE diodes
Frequency range in Hz/min ⁻¹	1 – 2000 Hz / 60 – 99999 min ⁻¹
Internal control of the flash rate by	membrane keypad
External control of the flash rate by	external trigger signal, pos. Impulses, 5 to 30 V, ext. transducer 10 V, pulse length min. 20 µs, short-circuit-proof
Measured value display	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°
Light intensity	3800 Lux max. (@ 50 Hz / 20 cm)
Operating temperature	0° ... +40° C
Storage temperature	-20° ... +70° C
Air humidity	max. 80 % relative air humidity at 30° C
Protection class	IP40
Certification	CE
Scope of supply	HELIO-STROB micro2, hard shell instrument case, trigger cable 1,5 m incl. BNC connector, set of batteries (2 x AA / LR6 mignon)
Art.-No.	0300720000
Optional	
Art.-No. 0310210170	set of NiMH accumulators 2100 mAh “Ready2Use“ (2 x AA / HR6 mignon)
Art.-No. 0310210160	charger for up to 4 accumulators
Art.-No. 0940010100	traceable DKD calibration certificate

Revisions in the course of technical progress reserved.

