

# HELIO-STROB

## Devices & Accessories



The shipment is executed according to our terms of delivery.

Revisions in the course of technical progress reserved.

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## Hand-held Stroboscopes

Part-no.: 0300720000



### HELIO-STROB micro2

Incl. hard shell instrument case, trigger cable 1,5 m with BNC connector and set of batteries (2 x AA / LR6 mignon)

- Measuring range 1-2000 Hz / 60-99999 RPM
- Internal and external triggering
- Electronic shifting of the focus (phase shifting)
- Light intensity: max. 3800 Lux (at a distance of 20 cm)

Part-no.: 0300907003



### HELIO-STROB triPLED

Incl. mains unit / charger 100-240 VAC, transport box and 5-Pin Male Jack for external triggering

- Measuring range: 1-840 Hz / 60-50400 min<sup>-1</sup>
- Battery and mains operation
- Internal and external triggering
- Serial interface (USB)
- Functions:
  - Slow-motion function
  - Record function to a PC (SpeedDoC)
  - Electronic shifting of the focus (phase shifting)
  - Variable prescaler for external triggering
  - Adjustable flash duration
- TTL-output
- Light intensity: max. 5500 Lux (at a distance of 50 cm)

Part-no.: 0300200010



### HELIO-STROB turbo

Incl. flash tube, handle, 3-pin male jack for external power supply 12 – 24 VDC

- Measuring range: 1-435 Hz / 60-26100 RPM
- Internal and external triggering
- Electronic shifting of the focus (phase shifting)
- Light intensity: max. 600 Lux (at a distance of 50 cm)

Part-no.: 0300201000

### HELIO-STROB turbo (AC) incl. power pack 100 – 240 VAC

Part-no.: 0300201021

### HELIO-STROB turbo (AC/DC) incl. Set for battery and mains operation

Incl. accumulator 12 V / 2,3 Ah Ni-MH in carrying bag, rapid battery charger 100-240 VAC & power pack 100-240 VAC

Part-no.: 03002010 10 / 02 / 23

### HELIO-STROB turbo 800 (Measuring range 1-800 Hz / 60-48000 min<sup>-1</sup>)

Part-no.: 0300907002



### HELIO-STROB compact 125

Incl. flash tube, wide-range power supply 100-240 VAC, transport box and 6-Pin Male Jack for external triggering

- Measuring range: 1-125 Hz / 60-7500 RPM
- Internal and external triggering
- Serial interface (USB)
- Functions:
  - Slow-motion function
  - Record function to a PC (SpeedDoC)
  - Electronic shifting of the focus (phase shifting),
  - Variable prescaler for external triggering
- TTL-output
- Light intensity: max. 2300 Lux (at a distance of 50 cm)

**Note: The HELIO-STROB compact 125 is suitable for mains operation (no battery operation)**

## Stroboscopes with separate Lamp

Part-no.: 0300310010



### HELIO-STROB BETA

115/230 VAC, incl. hand-held lamp and flash tube

- Measuring range: 1-400 Hz / 60-24000 RPM
- Internal and external triggering
- TTL-output
- Electronic shifting of the focus (phase shifting)
- Light intensity: max. 2700 Lux (at a distance of 50 cm)

Part-no.: 0310360010

### Option Slow-Motion

Part-no.: 0300330020



### HELIO-STROB master

115/230 VAC, incl. hand-held lamp and flash tube

- Measuring range: 1-315 Hz / 60-18900 RPM
- Internal and external triggering
- Serial interface (USB)
- TTL-output
- Functions:
  - Slow Motion function
  - Record function to a PC (SpeedDoC)
  - Electronic shifting of the focus (phase shifting)
  - Variable prescaler for external triggering
- Light intensity: max. 9600 Lux (at a distance of 50 cm)

Customised versions on request!

## Accessories

Part-no.: 0310100103      **Extension-Cable for Hand-held Lamp, length: 3 m**

Part-no.: 0310100107      **Extension-Cable for Hand-held Lamp, length: 7 m**

Part-no.: 0310100108      **Extension-Cable for Hand-held Lamp, length: 8 m**

Part-no.: 0310100110      **Extension-Cable for Hand-held Lamp, length: 10 m**

Part-no.: 0310350030      **Pedestal for HELIO-STROB micro, micro2**



Part-no.: 0310350040      **Multi-purpose mount for HELIO-STROB micro, micro2**



Part-no.: 0310350010      **Telescopic Stand for HELIO-STROB turbo, compact 75 / 125, triPLED and for hand-held lamp HELIO-STROB ALPHA, BETA, BETA A2, BETA A3, master**



Working height: 75-230 cm

Part-no.: 0310350060      **Mounting profile for HELIO-STROB compact 75 / 125, triPLED and for hand-held lamp HELIO-STROB ALPHA, BETA, BETA A2, BETA A3, master**



Part-no.: 0310250020      **Carrying Case for HELIO-STROB turbo**

Stores stroboscope, power pack, power supply, handle and further accessories.



Weight: 0,85 kg

Dimensions: 395 x 106 x 295 mm (W x H x D)

Part-no.: 0310350020



**Aluminium Carrying Case for HELIO-STROB ALPHA, BETA, BETA A2, BETA A3, master**

Stores control unit, hand-held lamp and accessories.

Weight: 3,6 kg.  
Dimensions: 495 x 225 x 365 mm (W x H x D)

Part-no.: 0310100020



**Induction Transmitter**

The induction transmitter allows the synchronization of an ELMED stroboscope with a motion object without mechanical or electrical connection.

Rated operating distance: 2 mm  
Switching frequency: max. 3500 Hz / 210.000 min<sup>-1</sup>  
Cable length: approx. 2 m

Part-no.: 0310000010

**Reflection Pads**

(25 x 75 mm) set of 5 pcs.

Part-no.: 0310210015



**3-Pin Male Jack – ext. power supply – for HELIO-STROB turbo**

Suitable for connection socket "external power supply"

Part-no.: 0310210045



**3-Pin Male Jack – ext. power supply – for HELIO-STROB compact 75 / 125**

Suitable for connection socket "external power supply"

Part-no.: 0310100040



**5-Pin Male Jack – ext. triggering – for HELIO-STROB turbo, ALPHA, BETA, BETA A2, BETA A3**

Suitable for connection socket "external triggering"

Part-no.: 0310210060



**6-Pin Male Jack – ext. triggering – for HELIO-STROB compact 75 / 125**

Suitable for connection socket "external triggering"

Part-no.: 0310610050



**5-Pin Male Jack – ext. triggering – for HELIO-STROB triPLED, master**

Suitable for connection socket "external triggering"

Part-no.: 0310100030



**5-Pin Trigger Adapter – for HELIO-STROB turbo, ALPHA, BETA, BETA A2, BETA A3**

Suitable for connection socket "external triggering"

Trigger signals (< 5 V / > 0,5 V) will be lifted to 5 V level.  
End connection: BNC

Part-no.: 0310210165



**Charger incl. 4 rechargeable batteries for HELIO-STROB micro2**  
VARTA Plug Charger + 4 x VARTA AA / HR6 Mignon rechargeable batteries –  
2100 mAh – Wide-range-input 100-240 VAC

Battery charger for 2 / 4 Mignon type AA / Micro AAA batteries,  
Safety timer / overcharging protection

Primary plug: EU

Part-no.: 0310210170



**4 rechargeable batteries for HELIO-STROB micro2**  
VARTA Longlife AA / HR6 Mignon – 2100 mAh

Part-no.: 0310210100



**Accu-Set for HELIO-STROB turbo**  
**Scope of supply:**  
Accumulator 12 V / 2.3 Ah NiMH,  
Battery charger 100-240 VAC / 50-60 Hz,  
Various primary plugs (EU / UK / US / AUS)

Part-no.: 0310210010



**Power Pack for HELIO-STROB turbo**  
For a power supply range from 100-240 VAC

Various primary plugs available on request (EU / UK / US / AUS)

Part-no.: 0310210011



**Power Pack for HELIO-STROB compact 75 / 125**  
For a power supply range from 100-240 VAC

Various primary plugs available on request (EU / UK / US / AUS)

Part-no.: 0310210012



**Combined mains unit / charger for HELIO-STROB tripLED**  
For a power supply range from 100-240 VAC

Various primary plugs available on request (EU / UK / US / AUS)

Part-no.: 0310210050



**Handle for HELIO-STROB turbo**

## Hand-held Lamps

Part-no.: 0310300011



**Hand-held Lamp for HELIO-STROB ALPHA, BETA and BETA A2**

with **spot reflector**, with vent, without flash tube

Weight: 1,5 kg  
Dimensions: 117 x 117 x 182,5 mm (W x H x D)  
Reflector: Ø 90 mm

Part-no.: 0310300021

**Hand-held Lamp for HELIO-STROB ALPHA, BETA and BETA A2**

Fig. s.a.

with **flood reflector**, with vent, without flash tube

Part-no.: 0310320011

**Hand-held Lamp for HELIO-STROB BETA A3, master**

Fig. s.a.

with **spot reflector**, with vent, without flash tube

Part-no.: 0310320021

**Hand-held Lamp for HELIO-STROB BETA A3, master**

Fig. s.a.

with **flood reflector**, with vent, without flash tube

## Flash Tubes

Part-no.: 0320100010

**Flash Tube for PICO-STROB, pluggable**

Part-no.: 0320200010

**Flash Tube for HELIO-STROB turbo, pluggable**

Part-no.: 0320340000

**Flash Tube for HELIO-STROB compact 75 / 125, pluggable**

Part-no.: 0320300010

**Flash Tube for HELIO-STROB ALPHA, BETA and BETA A2, pluggable**

Part-no.: 0320330010

**Flash Tube for HELIO-STROB BETA A3, master, pluggable**

**Further accessories, spare parts and customised versions on request!**

## Service & Calibration

Part-no.: 0940010100



**Service & Calibration of HELIO-STROB micro, micro2 or turbo**

Incl. works calibration certificate

Part-no.: 0940010101

**Service & Calibration of HELIO-STROB compact 75 / 125, tripLED, ALPHA, BETA, BETA A2, BETA A3, master**

Incl. works calibration certificate