HELIO-STROB

DRELLOSCOP

Devices & Accessories



The shipment is executed according to our terms of delivery.

Revisions in the course of technical progress reserved.

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ELMED MESSTECHNIK

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HELIO-STROB micro2

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)

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

Accessories & spare parts

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.: 0310350030



Pedestal for HELIO-STROB micro, micro2

Part-no.: 0310350040



Multi-purpose mount for HELIO-STROB micro, micro2

Part-no.: 0310100035

Trigger cable 1,5 m with BNC connector

HELIO-STROB tripLED V2

Part-no.: 0300907010



HELIO-STROB tripLED V2
Incl. lithium-ion battery, charger 230 VAC, transport box
and 5-Pin Male Jack for external triggering

- Frequency range: 1-840 Hz / 60-50400 min^{-1}
- Replaceable lithium-ion battery 14,4 V
- 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)

Accessories & spare parts

Part-no.: 0310210013



Power supply unit + handle cover for HELIO-STROB tripLED V2
for alternative power supply of the HELIO-STROB tripLED V2.
(Cannot be used as a battery charger.)

Power supply range: 100 - 240 VAC
Various primary plugs available on request (EU / UK / US).

Incl. handle cover as a replacement for the rechargeable battery.

Part-no.: 0D59301520005

Rechargeable Li-Ion battery 14.4 V / 4 Ah for HELIO-STROB tripLED V2, DRELLOSCOP 3015 / 3015 HI

Part-no.: 0D59301520006

Rapid Charger for Li-Ion battery (14.4 V / 4 Ah)

Power supply: 230 VAC

Part-no.: 0310610050



5-Pin Male Jack – ext. triggering – for HELIO-STROB tripLED, tripLED V2, master

Part-no.: 0310200070

USB connection cable, Type A > Type B, 1.8 m

HELIO-STROB BETA

Part-no.: 0300310010 	**HELIO-STROB BETA** 115/230 VAC, incl. hand-held lamp, flash tube and mains cable 2 m - Frequency range: 1-400 Hz / 60-24000 min^{-1} - Internal and external triggering - TTL-output - Electronic shifting of the focus (phase shifting) - Light intensity: max. 2700 Lux (at a distance of 50 cm)

Options

Part-no.: 0310360010	**Option Slow-Motion**

Accessories & spare parts

Part-no.: 0310350010 	**Telescopic Stand for HELIO-STROB turbo, compact 75 / 125 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, and for hand-held lamp HELIO-STROB ALPHA, BETA, BETA A2, BETA A3, master**
Part-no.: 0310100040 	**5-Pin Male Jack – ext. triggering – for HELIO-STROB turbo, ALPHA, BETA, BETA A2, BETA A3**
Part-no.: 0310100030 	**5-Pin Trigger Adapter – for HELIO-STROB turbo, APLHA, BETA, BETA A2, BETA A3** Trigger signals (< 5 V / > 0,5 V) will be lifted to 5 V level. End connection: BNC
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.: 0310300011	**Hand-held Lamp for HELIO-STROB ALPHA, BETA and BETA A2** without flash tube
Part-no.: 0320300010	**Flash Tube for HELIO-STROB ALPHA, BETA and BETA A2**

HELIO-STROB master

Part-no.: 0300330020



HELIO-STROB master
115/230 VAC, incl. hand-held lamp, flash tube and mains cable 2 m

- Frequency range: 1-315 Hz / 60-18900 min^{-1}
- 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)

Accessories & spare parts

Part-no.: 0310350010 	**Telescopic Stand for HELIO-STROB turbo, compact 75 / 125 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, and for hand-held lamp HELIO-STROB ALPHA, BETA, BETA A2, BETA A3, master**
Part-no.: 0310610050 	**5-Pin Male Jack – ext. triggering – for HELIO-STROB tripLED, tripLED V2, master**
Part-no.: 0310200070	**USB connection cable, Type A > Type B, 1.8 m**
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.: 0310320011	**Hand-held Lamp for HELIO-STROB BETA A3, master** without flash tube
Part-no.: 0320330010	**Flash Tube for HELIO-STROB BETA A3, master**

DRELLOSCOP 3015 / 3015 HI

	**DRELLOSCOP 3015 / 3015 HI** - Frequency range: 0.5 – 416.66 Hz / 30 – 25000 min^{-1} - Replaceable lithium-ion battery 14,4 V - Internal and external triggering - Electronic shifting of the focus / phase shifting (for external triggering) - Light intensity DRELLOSCOP 3015: max. 5970 Lux (at a distance of 30 cm) DRELLOSCOP 3015 HI: max. 10280 Lux (at a distance of 30 cm)
Part-no.: 0D1301500031	**DRELLOSCOP 3015 incl. spare battery, spare flash tube and carrying case** incl. rechargeable battery Li-Ion 14.4 V / 4.0 Ah, spare battery Li-Ion 14.4 V / 4.0 Ah, rapid charger 220-240 VAC, flash tube 307-2, spare flash tube 307-2, carrying case, plug for connecting external triggering
Part-no.: 0D1301500032	**DRELLOSCOP 3015 (basic version)** incl. rechargeable battery Li-Ion 14.4 V / 4.0 Ah, rapid charger 220-240 VAC, flash tube 307-2, plug for connecting external triggering
Part-no.: 0D1301500035	**DRELLOSCOP 3015 HI incl. spare battery, spare flash tube and carrying case** incl. rechargeable battery Li-Ion 14.4 V / 4.0 Ah, spare battery Li-Ion 14.4 V / 4.0 Ah, rapid charger 220-240 VAC, flash tube 307-2, spare flash tube 307-2, carrying case, plug for connecting external triggering
Part-no.: 0D1301500038	**DRELLOSCOP 3015 HI (basic version)** incl. rechargeable battery Li-Ion 14.4 V / 4.0 Ah, rapid charger 220-240 VAC, flash tube 307-2, plug for connecting external triggering

Accessories & spare parts

Part-no.: 0D59301520005	**Rechargeable Li-Ion battery 14.4 V / 4 Ah for HELIO-STROB tripLED V2, DRELLOSCOP 3015 / 3015 HI**
Part-no.: 0D59301520006	**Rapid Charger for Li-Ion battery (14.4 V / 4 Ah)** Power supply: 230 VAC
Part-no.: 0D1B30720002	**Flash tube DRELLOSCOP 307-2** suitable for, e.g. DRELLOSCOP 3015 / 3015 HI / 3015 SR
Part-no.: 0D1703015	**8-Pin Male Jack – ext. triggering – DRELLOSCOP**

… for previous version, approx. 2009 – 2016

Part-no.: 0D1AKKU212026	**Rechargeable NiMH battery 12 V / 2.5 Ah** for previous version DRELLOSCOP 3015 / 3015 HI / 3015 SR - approx. 2009 – 2016 Attention: Please check the device/handle version!
Part-no.: 0D59301520003	**Charger for NiMH battery 12 V / 2.5 Ah** for rechargeable battery 12 V / 2.5 Ah for previous version DRELLOSCOP 3015 / 3015 HI / 3015 SR - approx. 2009 – 2016 Power supply: 230 VAC Attention: Please check the battery version!

… for previous versions before 2009, on request.

DRELLOSCOP 3020



DRELLOSCOP 3020

- Frequency range: 0.5 – 416 Hz / 30 – 25000 min^{-1} (HL 4037 / LE 4040 / automatic mode)
  0.5 – 240 Hz / 30 – 14400 min^{-1} (LE 4047)
- Internal and external triggering
- Clock pulse output for synchronisation of further devices
- Electronic shifting of the focus / phase shifting (for external triggering)
- Slow Motion function (for external triggering)
- Light intensity with handheld lamp HL 4037: max. 12750 Lux (at a distance of 100 cm)
  with lamp LE 4040: max. 12750 Lux (at a distance of 100 cm)
  with lamp LE 4047: max. 5300 Lux (at a distance of 100 cm)

Part-no.: 0D1302000001



DRELLOSCOP 3020 with handheld lamp HL 4037
incl. reflector, flash tube 305-1, connection cable to handheld lamp 6 m,
mains cable 2 m, plug for connecting external triggering

Part-no.: 0D1302000004



DRELLOSCOP 3020 with splash-proof lamp LE 4040
incl. flash tube 305-1, connection cable to lamp 6 m, mains cable 2 m,
plug for connecting external triggering

Part-no.: 0D1302000003



DRELLOSCOP 3020 with splash-proof wide-beam lamp LE 4047
incl. flash tube 103-1, connection cable to lamp 6 m, mains cable 2 m,
plug for connecting external triggering

Options

Part-no.: 0D1300160002 	**Option: Remote control 3001 FB for DRELLOSCOP 3020** incl. Remote control 3001 FB, connection cable 6 m
Part-no.: 0D1300910003	**Option: Serial interface RS-232 for DRELLOSCOP 3020** to connect and control the DRELLOSCOP 3020 via ASCII commands using terminal software
Part-no.: 0D1300910002	**Option: Frequency divider/frequency extension for higher frequencies using external triggering for DRELLOSCOP 3020**
	DRELLOSCOP 3018 for master/slave synchronization on request
	Master/slave synchronization with other devices on request

Accessories & spare parts

Part-no.: 0D1403760003	**Handheld lamp HL 4037** incl. connection cable 6 m (without reflector, without flash tube)
Part-no.: 0D1403720002	**Reflector REF 4037 for handheld lamp HL 4037**
Part-no.: 0D1404060002	**Splash-proof lamp LE 4040** incl. connection cable 6 m (without flash tube)
Part-no.: 0D1404760004	**Splash-proof wide-beam lamp LE 4047** incl. connection cable 6 m (without flash tube)
Part-no.: 0D1B30520001	**Flash tube DRELLOSCOP 305-1** suitable for, e.g. HL 4037 / LE 4040 with DRELLOSCOP 3020
Part-no.: 0D1B10320001	**Flash tube DRELLOSCOP 103-1** suitable for, e.g. LE 4047 with DRELLOSCOP 3020
Part-no.: 0D1300160002E	**Replacement remote control 3001 FB for DRELLOSCOP 3020** incl. connection cable 6 m Important: The compatible device must be equipped with the "Option: Remote control 3001 FB for DRELLOSCOP 3020" (Part-no. 0D1300160002).
Part-no.: 0D1K2712R006	**Cable K271 for remote control 3001 FB > DRELLOSCOP 3020 - 6 m**
Part-no.: 0D1K2712R010	**Cable K271 for remote control 3001 FB > DRELLOSCOP 3020 - 10 m**
Part-no.: 0D1703015	**8-Pin Male Jack – ext. triggering – DRELLOSCOP**

DRELLOSCOP 1296

	**DRELLOSCOP 1296** incl. remote control 3001 FB with connecting cable 6 m, mains cable 2 m, diffuse glass plate with splinter protection, mounting kit (120°), flash tubes 302-2 (number depending on selected version/size), plug for connecting external triggering - Frequency range: 0.5 – 166.67 Hz / 30 – 10000 min^{-1} - Internal and external triggering - Electronic shifting of the focus / phase shifting (for external triggering) - Slow Motion function (for external triggering) - Dimmer function & automatic shut-off function - Light intensity: max. 1880 Lux (at a distance of 30 cm)
Part-no.: 0D1129600033	**DRELLOSCOP 1296/3 - web width 1000 mm with 3 flash tubes**
Part-no.: 0D1129600043	**DRELLOSCOP 1296/4 - web width 1300 mm with 4 flash tubes**
Part-no.: 0D1129600053	**DRELLOSCOP 1296/5 - web width 1600 mm with 5 flash tubes**
Part-no.: 0D1129600063	**DRELLOSCOP 1296/6 - web width 2000 mm with 6 flash tubes**

Accessories & spare parts

Part-no.: 0D1B30220002	**Flash tube DRELLOSCOP 302-2** suitable for, e.g. DRELLOSCOP 1296
Part-no.: 0D1300160001	**Replacement remote control 3001 FB for DRELLOSCOP 1296** incl. connection cable 6 m
Part-no.: 0D1K2612R006	**Cable K261 for remote control 3001 FB > DRELLOSCOP 1296 / 1298 - 6 m**
Part-no.: 0D1K2612R010	**Cable K261 for remote control 3001 FB > DRELLOSCOP 1296 / 1298 - 10 m**
Part-no.: 0D1703015	**8-Pin Male Jack – ext. triggering – DRELLOSCOP**

DRELLOSCOP 1092

Part-no.: 0D1109200005 	**DRELLOSCOP 1092 with 2 x wide-beam lamps LE 4149** incl. mounting bracket, connection cable 10 m and cable socket, 2 x high-performance flash tube 106-1, remote control unit 1090 FB with connecting cable 15 m, mains cable 6 m, plug for connecting external triggering, key for electronic housing - Frequency range: 60 – 130 Hz / 3600 – 7800 min^{-1} - Internal and external triggering (with integrated frequency scaler up to 2080 Hz) - Electronic shifting of the focus / phase shifting (for external triggering) - Slow Motion function (for external triggering) - Adjustable brightness & automatic shut-off function - Light intensity: max. 1780 Lux (at a distance of 150 cm)
Part-no.: 0D1109200006	**DRELLOSCOP 1092 with 1 x wide-beam lamp LE 4149**

Accessories & spare parts

Part-no.: 0D1414960001	**Wide-beam lamps LE 4149** incl. connection cable 10 m (without flash tube)
Part-no.: 0D1B10620001	**Flash tube DRELLOSCOP 106-1** suitable for, e.g. LE 4149 with DRELLOSCOP 1092
Part-no.: 0D1109060002	**Replacement remote control 1090 FB for DRELLOSCOP 1090 / 1092** without connection cable
Part-no.: 0D1K1382R015	**Cable K138 for remote control 1090 FB > DRELLOSCOP 1090 / 1092 - 15 m**
Part-no.: 0D1703015	**8-Pin Male Jack – ext. triggering – DRELLOSCOP**

Sensors

Part-no.: 0310100020 	**Proximity Switch / Inductive Sensor for HELIO-STROB tripLED, tripLED V2, compact 75 / 125, ALPHA, BETA, BETA A2, BETA A3, master** An induction sensor enables contactless synchronization of a stroboscope using metal components on rotating or moving objects. Rated operating distance: 2 mm Switching frequency: max. 3.500 Hz / 210.000 min^{-1} Cable length: approx. 2 m Connector: Please specify the device model to select the required connector for external trigger.
Part-no.: 0D00NJ220008	**Proximity Switch / Inductive Sensor for DRELLOSCOP 3015 / 3015 HI / 3020, etc.** Rated operating distance: 2 mm Switching frequency: max. 3.000 Hz / 180.000 min^{-1} Cable length: approx. 2 m Connector: 8-Pin Male Jack – ext. triggering – DRELLOSCOP 3015 / 3015 HI / 3020, etc.
Part-no.: 0D10KTS00001	**Contrast sensor KTX RGB for DRELLOSCOP 1296** The contrast sensor enables optical synchronization with a DRELLOSCOP 1296 based on print marks or contrast differences for web monitoring on printing and packaging machines. Sensing distance: 13 mm (± 5 mm) Switching frequency: max. 50.000 Hz / 3.000.000 min^{-1} Cable length: 5 m Connector: 8-Pin Male Jack – ext. triggering – DRELLOSCOP 1296

Flash Tubes – Overview

Part-no.: 0320100010	**Flash tube for PICO-STROB**
Part-no.: 0320200010	**Flash tube for HELIO-STROB turbo**
Part-no.: 0320340000	**Flash tube for HELIO-STROB compact 75 / 125**
Part-no.: 0320300010	**Flash tube for HELIO-STROB ALPHA, BETA und BETA A2**
Part-no.: 0320330010	**Flash tube for HELIO-STROB BETA A3, master**
Part-no.: 0D1B10120001	**Flash tube DRELLOSCOP 101-1** suitable for, e.g. LE 4054 with DRELLOSCOP 3124, DRELLOSCOP Video V 7000, Synchrostrobe 123
Part-no.: 0D1B10320001	**Flash tube DRELLOSCOP 103-1** suitable for, e.g. LE 4047 with DRELLOSCOP 3020 / 3018 / 3017 / 1018
Part-no.: 0D1B10420001 Part-no.: 0D1B10520001	**Flash tube DRELLOSCOP 104-1 / 105-1 (depending on version)** suitable for, e.g. DRELLOSCOP 3120 / 3108 / 3009 / 118/XX / 108N So4
Part-no.: 0D1B10620001	**Flash tube DRELLOSCOP 106-1** suitable for, e.g. LE 4149 with DRELLOSCOP 1092, LE 4049 with DRELLOSCOP 1090, LE 4048 with DRELLOSCOP 1080
Part-no.: 0D1B30020002 Part-no.: 0D1B30020004	**Flash tube DRELLOSCOP 300-2 / 300-4 (depending on version)** suitable for, e.g. HL 4090 / 4094 with DRELLOSCOP 3135 / 3130 / 3108 / 3009, HL 4091 with DRELLOSCOP 118/XX (old version), HL 4026/12, DRELLOSCOP Video V 752 / V 760 / V 820 / V 922C / S 936, KLG 752K
Part-no.: 0D1B30220002	**Flash tube DRELLOSCOP 302-2** suitable for, e.g. DRELLOSCOP 1296
Part-no.: 0D1B30320002	**Flash tube DRELLOSCOP 303-2** suitable for, e.g. STROBOPORT 1008
Part-no.: 0D1B30520001	**Flash tube DRELLOSCOP 305-1** suitable for, e.g. HL 4037 / LE 4040 with DRELLOSCOP 3020 / 3018 / 3017 / 1018 / 1017N, LE 4044 with DRELLOSCOP 3019, LE 4035 with DRELLOSCOP 1017 N
Part-no.: 0D1B30720002	**Flash tube DRELLOSCOP 307-2** suitable for, e.g. DRELLOSCOP 3015 / 3015 HI / 3015 SR
Part-no.: 0D1B32220002	**Flash tube DRELLOSCOP 322-2** suitable for, e.g. LA 4250 / 4200 / 4118 with DRELLOSCOP C400/XX, HL 4118 with DRELLOSCOP 5118, LE 4075 with DRELLOSCOP 210 / 5118, LE 210/XX with DRELLOSCOP 210 / 212
Part-no.: 0D1B32220003	**Flash tube DRELLOSCOP 322-3** suitable for, e.g. DRELLOSCOP C400 / C300
Part-no.: 0D1B80320001	**Flash tube DRELLOSCOP 803-1** suitable for, e.g. DRELLOSCOP 3244
Part-no.: 0D1B80420001	**Flash tube DRELLOSCOP 804-1** suitable for, e.g. DRELLOSCOP 255 / 250

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, tripLED V2, ALPHA, BETA, BETA A2, BETA A3 or master** incl. works calibration certificate
Part-no.: 0940010121	**Service & Calibration of DRELLOSCOP 3015 / 3015 HI** incl. works calibration certificate
Part-no.: 0940010121S	**Service & Calibration of DRELLOSCOP 3015 / 3015 HI special version with splash protection** incl. works calibration certificate
Part-no.: 0940010122	**Service & Calibration of DRELLOSCOP 1296 / 3018 / 3020** incl. works calibration certificate
Part-no.: 0940010123	**Service & Calibration of DRELLOSCOP 1090 / 1092** incl. works calibration certificate
	Service & Calibration of other devices on request

Further accessories, replacement parts, services, and customized versions and developments on request!