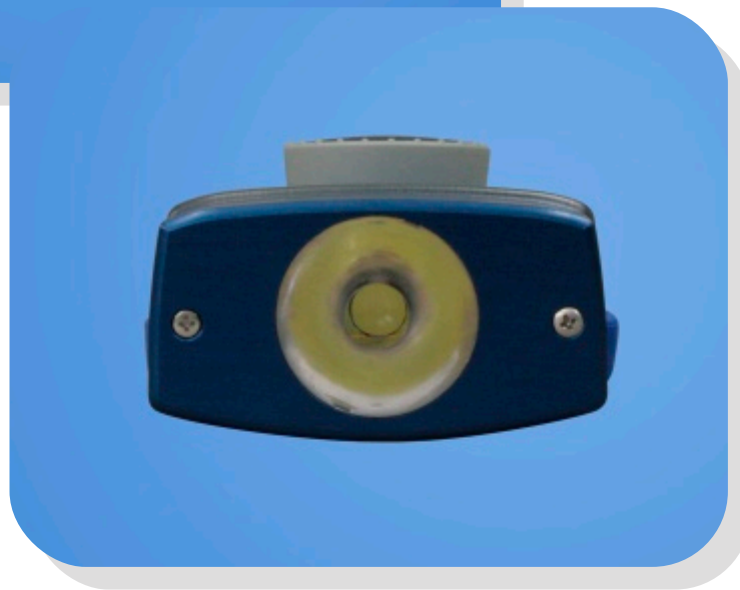


DRELLOSCOP 1020



Drelloscopie®



- **State of the art LED technology with an optimized knowledge-based LED control technology for high-performance LED**
- **Maximum brightness with concurrent short flash duration**
- **Optimum illumination by using a special LED optics**
- **Large and easy to read display**
- **Fast Finder function for manual control**
- **Smooth image shifting and slow motion function for external control**

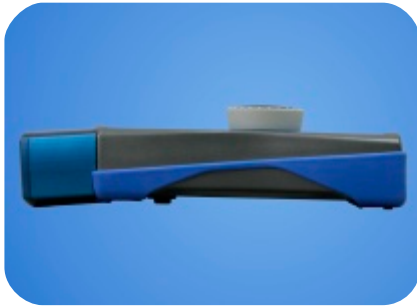
Bewegung messen, beobachten, analysieren

mit Stroboskopen von

DRELO

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DRELLOSCOP 1020



Stroboscope

Probably the brightest LED stroboscope of this device class, it is ideally suited for portable use in harsh industrial environments. The battery-powered DRELLOSCOP 1020 also offers a connection to power supply, thus providing customized applications.

The akin to daylight spectrum guarantees a high colour fidelity in the representation.

Operator panel

All control and display elements are protected from dust by an abrasion-proof industrial keypad.

Control is either manually or externally by machine or encoder signals.

The large display is easy to read even in poorly lit environments.

Intuitive user-friendly operation.

Optics

An exceptionally good illumination is achieved by the interplay of the specially designed optics combined with the integrated high-performance light-emitting diodes.

Technical data	
Control	
Manual control (internal)	manual by rotary adjuster, 120 ...25000 min ⁻¹ resp. 2...416,6 sec ⁻¹ Fastfinder function, by multiplying or dividing the adjusted flash frequency
External control	external by rectangular pulses 10 ... 24 V smooth real time image shifting 0 ...360° and slow motion function
Control of flash duration	automatic, depending on the flash frequency or manually by rotary adjuster, setting range 1...250 µs
Measured value display	5-digit 7-segment display, 7.6 mm digit height
Electrical	
Power supply	3 x 1,2 V NiMH rechargeable batteries (AA), fast-charging mains unit 5 V (DC)
Power consumption	400 mA @ 5 V (DC)
Reverse voltage protection	YES
Operating time (battery)	approx. 4 hours at full load (depending on type of battery)
Operating time (mains unit)	continuous operation
Ambient conditions	
Admissible ambient temperature	0 ... 45 °C
Admissible storage temperature	-20 ...+60 °C
Type of protection	IP 50
Dimensions / weight	
Dimensions (L x W x H)	200 mm x 85 mm x 40 mm (with control knob 55 mm)
Weight	approx. 0.5 kg
Illumination	
LED	High-performance light-emitting diode, white radiant combined with highly efficient optics
Colour temperature	6500 K
Illumination Ø	150 mm @ 300 mm object distance

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