

DRELLOSCOP 3015 SR:
Light intensive, splash-proof handheld stroboscope for spot illumination up to 10m distance. Particularly suited for the application on paper machines.

DRELLOSCOP 3015 SR:
Battery-supplied operation and convenient handling for mobile and variable application.



DRELLOSCOP 3015 SR
Handheld stroboscope for light intensive spot illumination

DRELLOSCOP 3015 SR

Particularly suitable for a wide variety of applications on paper machines.

Compact and light intensive design.

12V DC supply through attachable battery.

Fast data capture with high precision, high resolution by 16 bit micro-controller.

2-year warranty (excluding flashtubes).

- + Light intensive layout.**
For spot illumination, for a distance up to 10m.
- + For multi-purpose application.**
With a convenient handle. 12V supply through attachable, high power, rechargeable battery. Mounting bracket for tripod mounting.
- + With preparation for video camera.**
Swivel head for camera mounting.
- + Sturdy, dust- and splash-proof.**
Light metal housing with rubber edge protection. Parabolic reflector with protective disc. Plug-in high-duty quartz flashtube. User-friendly membrane keypad.
- + Digital, 5-digit data display.**
Display in min^{-1} , sec^{-1} or degree.
- + Control manually or through video camera.**
Externally through the output signal of a video camera.

Visual control of processes on paper machines.

DRELLOSCOP 3015 SR.
The compact, light intensive handheld stroboscope in sturdy, splash-proof industrial layout is particularly suited for a wide range of applications on paper machines.

The long-range capability of the handheld DRELLOSCOP 3015 SR enables safe observation and analysis of many key processes.

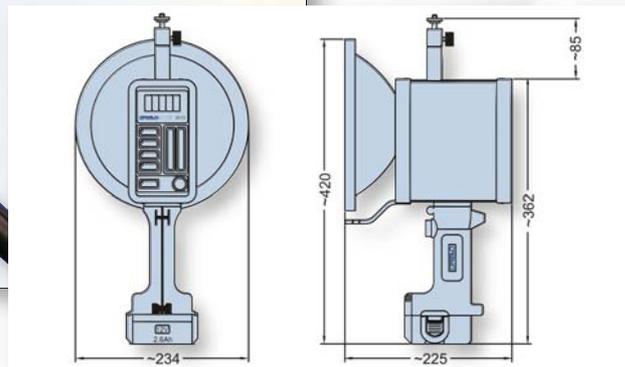
The applications on paper machines:

- Detailed observation of stock agitation.
- Adjustment of vacuum foil settings.
- Observation of dewatering and drainage.
- Inspection of water nozzles to guarantee the jet quality.
- Documentation of failures like air bubbles, cords and streaks through recording in combination with a video camera.



ACCESSORY:
Swivel head for camera mounting

DRELLOSCOP 3015 SR:
Sturdy, splash-proof light metal housing with rubber edge protection.



Artikelnummer

Dimensional drawings and additional technical specification data are available on request.

For all, who need to know the details.

The technical data

- **Control of flash rate**
Internally through micro-controller, adjustable via keypad, externally through positive pulses from 0.5V...30Vs, pulse interval ratio ≤1:1, through sine voltage from 1V...60Vss. Optionally image-synchronous control through output signal of a video camera. Electronic phase shifter for image shifting from 0...360°.
- **Resolution**
5-digits, angle display 0.1°
- **Flashtube**
white shining Xenon-quartz-flashtube, plug-in type.
- **Light intensity**
approx. 3,500 Lux, depends on the distance to the object.
- **Supply voltage**
12V DC, through rechargeable battery 12V, 2.6Ah, attachable to the handle.
- **Weight**
3.5 kg approx. incl. battery
2.7 kg approx. without battery
- **Range of flash rate**
30...3,300 min⁻¹ resp. 0.5...55 s⁻¹
- **Power input**
max 70 W
- **Scope of delivery**
Stroboscope, rechargeable battery 12V, 2.6Ah, Size: 75x55x100 mm (WxHxD), weight: 0.7kg, spare battery, battery charger, spare quartz flashtube, cable plug for external control signal, operation manual, transport case with foam inlet, rollers and telescopic handle.
- **Data display**
5 decades, 7-segment LEDs, 12mm high, red, floating-point display effective at internal and external control, flash rate in min⁻¹ oder s⁻¹. Phase angle in degrees.
- **Fuses**
Micro fuse, 6.3A, slow
- **Permissible ambient temperature (operation):** 0°C...+50°C
- **Permissible storage temperature**
-20°C...+70°C
- **Supplements**
Sturdy telescopic tripod with swivel tilt head.
- **Illuminated area**
approx. 500 mm at 5m distance. Working distance max. 10 m.
- **Flash energy**
max 0.7 Joule/flash, automatic adjustment over the total range of flash frequency.
- **Half value width of the flash**
approx. 10 µs
- **Housing**
light metal with handle, splash-proof.
- **Dimensions**
234x447x225 mm (WxHxD) (incl. handle and battery)