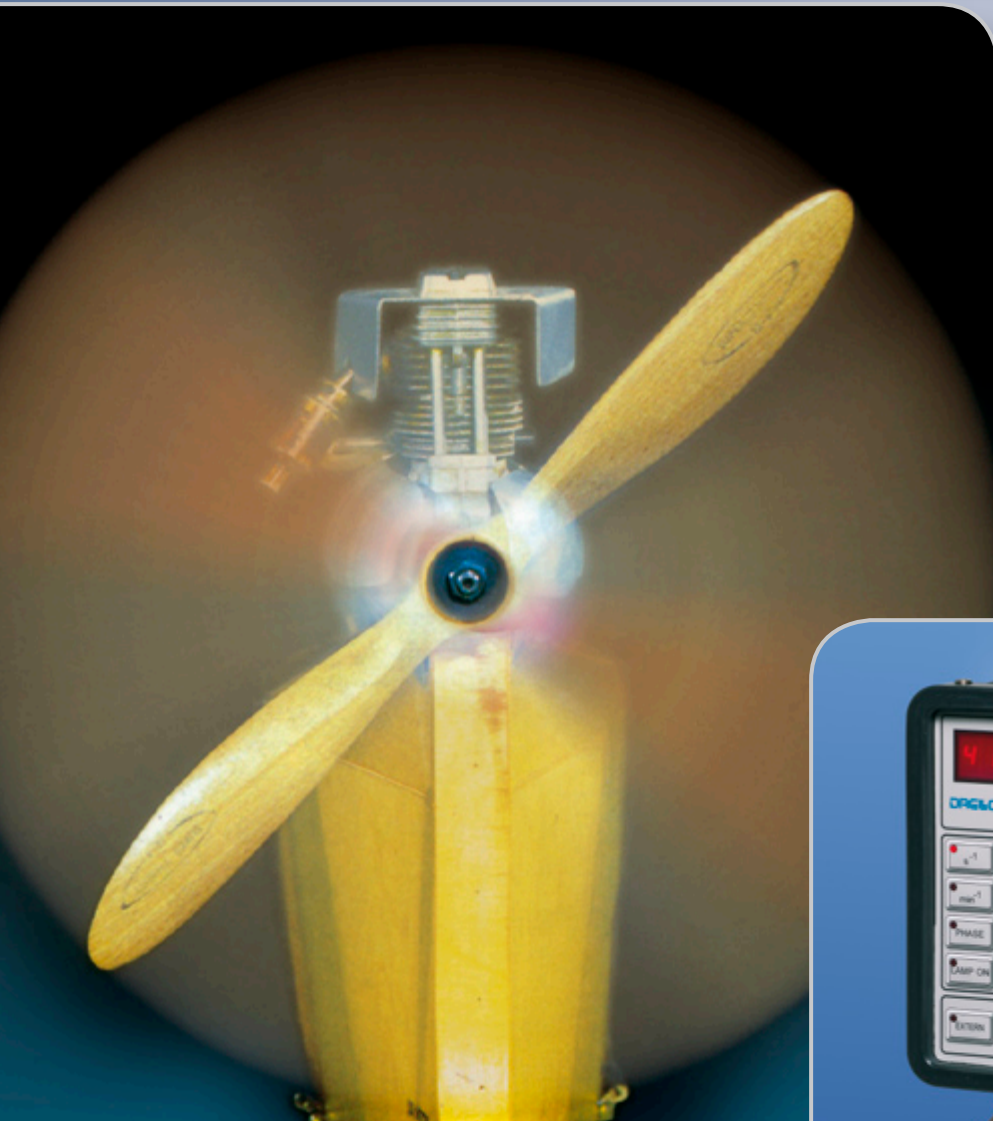


DRELLOSCOP 3015 / 3015 HI



Drelloscopie®



- ***Compact, fast-aperture hand-held stroboscope***
- ***Universal use in industry and service***
- ***For observing fast periodic motion***
- ***Measurement of rotary and oscillatory motion***

Measure, monitor and analyse motion

with stroboscopes from

DRELO

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DRELLOSCOP 3015 / 3015 HI



Stroboscope

The fast-aperture DRELLOSCOP 3015 with exchangeable battery pack can be used universally for all stroboscopic applications.

The robust device version enables use even under difficult operating conditions and even for use with strong ambient lighting



Operating panel

All operating and display elements are protected against dust and humidity by an abrasion-resistant membrane keyboard.

Control of the flash sequence takes place either with manual setting or externally by machine signals or sensors.

Image shifting of 0... 360° possible by speed-independent phase setting.



Reflector

Due to the interaction of the specially developed reflector and the diffuser, a homogenous illumination is guaranteed.

The device is also available DRELLOSCOP 3015 HI (High Intensity) with approximately double illuminance.



Technical data

Model

DS 3015 / 3015 HI

DS 3015

DS 3015 HI

External control	external, by 0.5...30 Vs control impulse or optocoupler 4...12 Vs rectangular signal					
electronic image shifting	smooth real-time image shifting 0...360°, even during fast changes of the machine speed					
Internal control (manual)	internal, manually by button function					
Flash sequence range	30...25000 min ⁻¹ or 0.5...416.66 s ⁻¹					
brightness setting	automatic depending on the flash sequence					
Measured value display	5-digit 7-segment display, 12 mm digit height, in min ⁻¹ , s ⁻¹ and degree					
Energy saving function	for increased service life in rechargeable battery operation					
Electrical						
Supply voltage	12 V (DC) -10% +20%					
Max. power consumption [W]	40			60		
Max. power consumption [A]	3.33			5		
Ambient conditions						
Operating temperature [°C]	0...50					
Storage temperature [°C]	-20...+70					
Type of protection	IP 50					
Dimensions						
Dimensions (L x W x H) [mm]	85 x 150 x 165					
Weight [kg]	1.5 (without rechargeable battery); 2.2 (with rechargeable battery)					
Illumination						
Distance [mm]	300	500	1000	300	500	1000
Area [mm]	Ø 140	Ø 230	Ø 460	Ø 140	Ø 230	Ø 460
Level of illumination [lx] @3180 min ⁻¹	5970	2150	537	10280	3700	925

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Scope of supply

Stroboscope with NIMH-AKKU 12 V, 2.6 Ah
Replacement rechargeable battery
Charging device

Accessories

Replacement flash tube
Replacement rechargeable battery
Transport case
Photoelectric sensors
Proximity sensors
Tripod with pan-swivel head (in conjunction with holder for tripod fixing)

Options

Mains supply via power supply unit 90 ... 264 V (AC)
Focused light exit
UV filter disc
Spray-water protection
RS 232 interface
Holder for tripod fixing
Manual frequency setting via rotary encoder
"SLOW MOTION" function instead of phase shifter for visualization of mechanical oscillations

Our product range

Check, secure and document print quality during continuous production

Web production and cable signature checking systems
Latest digital camera technology
Excellent image quality
Wide range of functions
Simplest handling by new, innovative operation
High-quality equipment
Robust industrial version for maximum operational safety

Count, fill and coat seeds

The worldwide unique DRELLO automatic counting and filling machines allow economic and gentle handling of your seeds. Due to a roller transport, they function without vibrating. As a result, selection of the corn by size and thickness does not take place as is the case with other systems.

In combination with our small batch treating equipment, you have the option to count, coat and fill the seed step-by-step.

DRELLO Ballistics - planning, measuring and documenting

DRELLO offers a variety of ballistic measuring devices for acquiring internal and external ballistic measurement data as well as for target data acquisition. Our long-standing experience in the development and manufacture of innovative measuring devices from sensors to evaluation devices and software to customer-specific solutions is the key to the worldwide success of our devices.

Come and talk to us - we will be pleased to advise you personally.



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