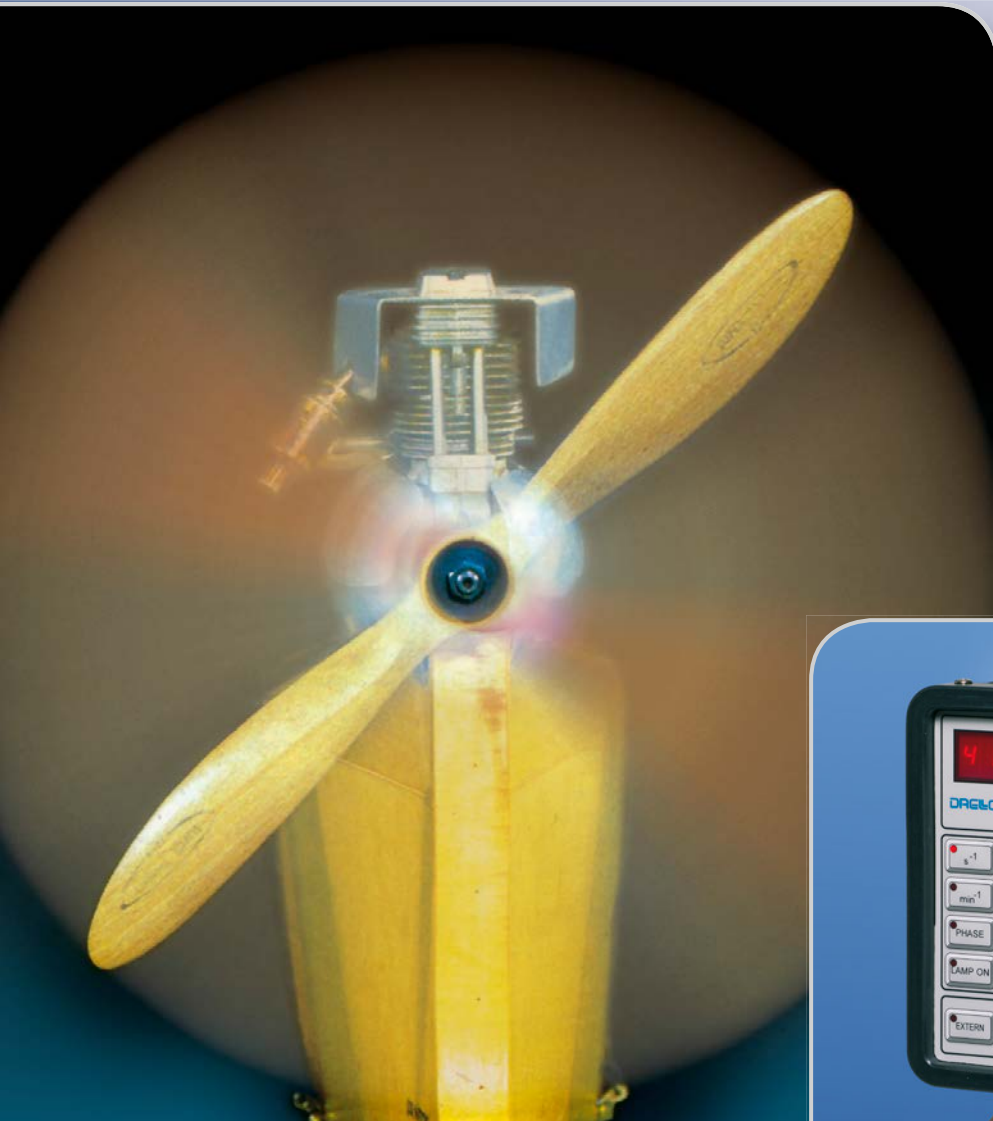


DRELLOSCOP 3015 / 3015 HI



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

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	14,4 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