

DRELLOSCOP 5125



Drelloscopie®



- ***Fast-aperture with minimal dimensions***
- ***Robust, interference-free industrial version for continuous use***
- ***For controlling the print image, crop marks, marginal perforation and horizontal perforation***

Measure, monitor and analyse motion

with stroboscopes from

DRELO

www.drello.de

DRELLOSCOP 5125



DS 5125-10

Minimal dimensions - maximum performance.

For use in continuous operation. Compact industrial stroboscope, stationary mounting.

For visual control of print webs.

Available in three versions: web widths of 410 mm (16"), 760 mm (30") and 1020 mm (40").

Easy mounting due to universal mounting accessories.

Operating panel with reliable robust industrial membrane keyboard.



DS 5125-16

Especially suited for use under daylight conditions.

Extremely short flash duration for excellent image representation.

Daylight-similar light spectrum for colour fidelity.

Uniform homogenous illumination.

Manual or automatic brightness setting for optimum adjustment to different materials and colours.

Integrated ILR 100 light controller for constant flash intensity.



DS 5125-22

Control of the flash sequence takes place either with manual settings or externally.

Various synchronisation possibilities provide optimum functionality and safe error detection.

The "external" operating mode makes additional image shift or slow motion functions available for optimum smooth visual observation.

Halving or doubling the flash sequence (fast finder).



Technical data

Model

Powerbox

DS 5125-10

DS 5125-16

DS 5125-22

External control	external, by rectangular pulses 4...13 Vs with automatic flash sequence separation from 6300 min ⁻¹		
Electronic image shifting	smooth real-time image shifting 0...360°, even during fast changes of the machine speed		
Slow motion function	smooth slow motion function, even during fast changes of the machine speed		
freewheel synchronisation operating mode	Synchronisation without brand scanning, e.g., during rewinding		
Internal control (manual)	internal, manual by rotary adjuster, 120...6000 min ⁻¹		
Fast finder function	fast synchronisation option with internal manual control		
connectible automatic function	automatic switch-off of flash operation, into sleep mode		
Brightness setting	automatic depending on the flash sequence, or manual		
Integrated ILR 100 light controller	for constant flash intensity		
Electrical			
Supply voltage	24 V (DC) ± 20%, via power supply 100...240 V (AC) (90...264 V (AC)) mains connection		
Max. power consumption [W]	65	130	180
Max. power consumption [A]	2.7	5.4	7.5
Ambient conditions			
Operating temperature [°C]	0...45		
Storage temperature [°C]	-10...+60		
Type of protection	IP 30		
Dimensions			
Dimensions (L x W x H) [mm]	240 x 100 x 85	425 x 100 x 85	610 x 100 x 85
Weight [kg]	approx. 1.6	approx. 2.2	2.8

Illuminants

DS 5125-10

DS 5125-16

DS 5125-22

Illuminant	Xenon Longlife quartz flash tube					
Number of illuminants [pcs.]	1		2		3	
Illumination at						
Distance [mm]	300	500	300	500	300	500
Area [mm]	Ø 280	Ø 466	445 x 280	741 x 466	645 x 280	1075 x 465
Level of illumination [lx] @6000 min ⁻¹	3090	1140	4000	1140	4000	1440

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Scope of supply

DRELLOSCOP 5125 stroboscope

NG 21 power supply unit

Accessories

Replacement flash tube

Base mounting holder

Mounting bracket, alternative ball joint for base mounting holder

GLS21 forked light barrier

Proximity sensors

IK 100 - 5125 synchronisation module

Options

Extended flash sequence

Change of flash energy

UV attachment for lamps

Impulse input input circuit modifiable

Change of cable length

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.

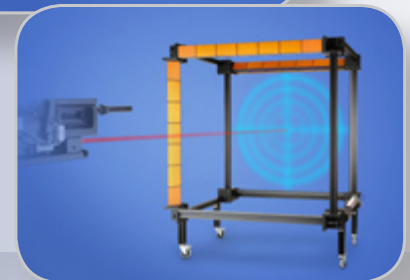
As a result, selection of the corn by size and thickness does not take place as is the case with other systems.

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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