

DRELOSCOP C300



Dreloscopie®



- ***Superior LED flash technology***
- ***Short flash duration for brilliant image definition***
- ***Natural genuine colour rendering***
- ***Infinite brightness control***
- ***Internal manual control to 600 Hz***
- ***External control with image position shift in real-time and slow motion***
- ***Universal trigger input for all requirements***

Measure, monitor and analyse motion

with stroboscopes from

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DRELLOSCOP C300



Control device

The flash sequence is controlled either via "Manual Control" (also called automatic control) or alternatively in via "External Control" via external control impulses.

High-performance image position shifting and excellent slow-motion function support the "External Control" operating mode.

The clearly arranged control panel with large keypads, a rotary adjuster with recessed grip and a high-quality LED display stand for a well thought-out operating concept.



Connections

The DRELLOSCOP C300 device series is equipped with a variety of connections for synchronisation, voltage supply and serial interface control (optional).

The rotatable lamp plug connector on the right-hand side of the device is a special feature. This makes it possible for the first time to adapt the cable outlet individually to the circumstances of the installation site.



Comprehensive accessories

Comprehensive accessories

The magnetic holder, mounting foot or wall mount are the perfect complements for simple assembly.

Various sensors are available on request especially for your application.



Lighting

Our multifunctional hand lamps allow application-focused lighting exactly according to your requirements.

The hand lamps with permanently connected spiral cable or with stretched cable and ergonomic handle are suitable for almost any lighting task.

Specially developed round reflectors in faceted and structured design or optics for the LED hand lamps guarantee optimum light guiding and homogenous illumination.

Technical data

Model

C300

Dimensions	
Height / width / depth	142 / 230 / 85 mm
Weight	approx. 1.4 kg
Controller	
Internal controller	120 ... 36000 min ⁻¹ or 2 ... 600 s ⁻¹
External controller	via control impulses 0 ... 60000 min ⁻¹ or 0 ... 1000 s ⁻¹
Brightness	automatic, depending on flash sequence or manually via rotary potentiometer / rotary adjuster
Image shift	Real-time image shifting with short response time to frequency changing
Slow motion function	with short response time to frequency changing
Measured value display	7-segment LED display / number height approx. 12 mm / red colour / 5-digit
Interface	RS-232 optional
Electrical equipment	
Supply voltage	5 ... 25 V _{DC}
Operating time	Continuous operation
Ambient conditions	
Ambient temperature	0 ... +40 °C
Storage temperature	-20 ... +60 °C
Degree of protection	IP51

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Technical data

Model

Lamp 4300

Connection cable	
Cable length	0.9 / 2 m spiral cable, not detachable
Dimensions	
Height / width / depth	215 / 94 / 62 mm
Weight	approx. 0.9 kg
Electrical equipment	
Supply voltage	via DRELLOSCOP C300 control device
Operating time	continuous operation

Lighting	
Illuminated area Ø	150 mm @ 300 mm object gap
Illuminant	4 high-performance LEDs
Optics	4-fold, narrow beam (spot)
Illumination strength	6500 lx @ 300 mm object gap; measured at 100 Hz and 25 µs flash duration

Flash properties	
Flash half-life period	25 µs @ 100 Hz
Colour temperature	5800 ... 6200 Kelvin
Ambient conditions	
Ambient temperature	0 ... +40 °C
Storage temperature	-20 ... +60 °C
Degree of protection	IP54

Our product range

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, this functions 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 conjunction with our small batch treating equipment, you have the option to count, coat and fill the seed in one 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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