

DRELLOSCOP C400



Drelloscopie®



- ***Various reflector versions for wide field or spot illumination***
- ***Natural genuine colour rendering***
- ***IEB 400 integrated real-time flash control stage***
- ***Cascadable***
- ***Extremely short flash half-life period for brilliant image definition***
- ***High-intensity and homogenous illumination***

Measure, monitor and analyse motion

with stroboscopes from

DRELO

www.drello.de

DRELLOSCOP C400



Control device

The DRELLOSCOP from the DRELLOSCOP C400 device series is a flashlight stroboscope for professional use in a harsh industrial environment.

It consists primarily of the "POWER MODULE" (device) and the separate lighting unit.

Depending on the features, the device is only suitable for control of external control impulses or alternatively with a functional extension of the "manual control" (automatic control).

Connections

The DRELLOSCOP C400 device series is equipped with a variety of connections for synchronisation, voltage supply and serial interface control.

The rotating lamp plug connector on the device side 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

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

The multifunctional lighting facility allows application-focused lighting exactly according to your requirements.

The lamp is suitable for almost any lighting task as a hand-held lamp with permanently connected spiral cable and ergonomic handle or fixed mounting with stretched connection cable. Specially developed round reflectors in faceted or structure design guarantee optimum light guide and homogenous illumination

The magnetic holder, which is available as an accessory, also allows variable fixing and fast mounting or dismounting.

Technical data

Model

C400-10

C400-20

Dimensions		
Height / width / depth	121 / 220 / 60 mm	
Weight	approx. 1.2 kg	approx. 1.4 kg
Controller		
Manual control	none	120 ... 7200 min ⁻¹ bzw. 2 ... 120 s ⁻¹
External control	via control impulses 0 ... 60000 min ⁻¹ or 0 ... 1000 s ⁻¹	via control impulses 0 ... 7200 min ⁻¹ or 0 ... 120 s ⁻¹
Flash energy control	automatic, flash sequence or manual by rotary potentiometer / rotary adjustor	
Auto scan	none	for manual control
Image shift	none	smooth real-time image shifting, when controlled externally
Measured value display	none	
Interface	RS-232	none
Electrics		
Power supply	22 ... 25 V _{DC}	
Power consumption	1.8 A @ 24 V _{DC}	
Operating time	continuous operation	
Ambient conditions		
Ambient temperature	0 ... +40°C	
Storage temperature	-20 ... +60°C	
Degree of protection	IP50	

Measure, monitor and analyse motion

with stroboscopes from

DRELO

www.drello.de

DRELLOSCOP C400



Technical data

Model	Lamp 4200-10	Lamp 4200-11	Lamp 4200-18
Connection cable	stretched length, not detachable	stretched length, detachable	spiral cable, not detachable
Cable length	4 m	4 m	0.9 / 2 m
Dimensions			
Height / width / depth	84 / 94 / 107 mm		215 / 94 / 105 mm
Weight	approx. 0.55 kg		approx. 0.85 kg
Electrics			
Power supply	330 V _{DC}		
Operating time	Continuous operation		

Reflector	S	L*	XL
Form	round, narrow beam	round, wide beam	round, wide beam
Illumination Ø @ object gap	110 mm @ 300 mm	210 mm @ 300 mm	400 mm @ 300 mm
Illumination strength @ object gap **	12500 lx @ 200 mm	6500 lx @ 200 mm	2800 lx @ 200 mm
Quartz glass flash tube	XENON / Longlife / B322-3		XENON / Longlife / B322-2
Flash half-life period	25 µs @ 2 Ws		
Colour temperature	daylight similar		
Ambient conditions			
Ambient temperature	0 ... +40 °C		
Storage temperature	-20 ... +60 °C		
Degree of protection	IP30		

* standard
 ** measured at 50 Hz and 25 µs flash length

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 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.



Measure, monitor and analyse motion

with stroboscopes from

DRELLO

www.drello.de