

DRELLOSCOP 1298



Drelloscopie®



- *Highly modern, modular LED technology*
- *High illuminating strength and homogenous illumination of the entire track width*
- *Robust, interference-free industrial version for continuous use*
- *Easy operation via control device with multifunctional rotary button*

Measure, monitor and analyse motion

with stroboscopes from

DRELO

www.drello.de

DRELLOSCOP 1298

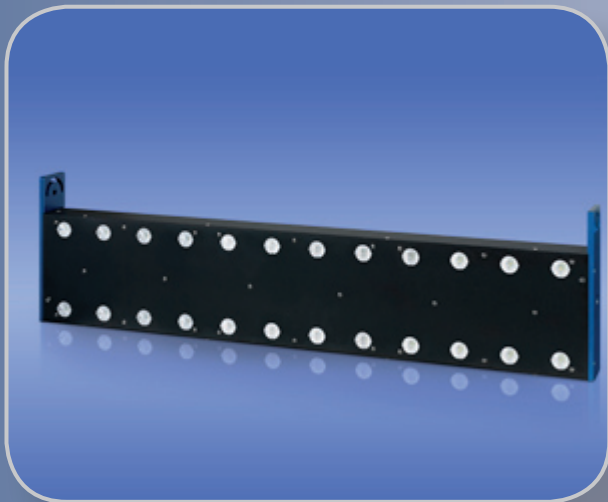


Connections

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.



Stroboscope

High-power wide-angle illumination for track widths of 300 to 2000 mm.

Due to its flat design, particularly suitable for confined spaces.

Extremely short flash duration for excellent image representation.

Daylight-similar light spectrum for colour fidelity.

Uniform homogenous illumination.



Remote control

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

Magnetic holders are attached to the bottom of the control device for fixing to the machine frame.



Technical data

Model

Powerbox

1298/1
1298/2
1298/3
1298/4
1298/5
1298/6

External controller	Square wave, 12...24 V _s					
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 controller	(manual) internal, manual by rotary adjuster, 30...10000 min-1 e.g., 0,5 - 166 Hz					
connectible automatic function	automatic switch-off of flash operation					
Brightness setting	automatic depending on the flash sequence, or manual					

Electrical

Supply voltage	85 - 264 V AC, 47 - 63 Hz					
Max. power consumption [W], rest	7	10.4	13.8	17.2	20.6	24
Max. power consumption [W]	21	38.4	55.8	73.2	90.6	106
Max. power consumption [A]	0.09	0.17	0.24	0.32	0.39	0.47

Ambient conditions

Ambient temperature [°C]	-10 to +50					
Air humidity [% rel. humidity]	≤ 80%, non-condensing					

Overall dimensions

Length [mm]	354	686	1018	1350	1682	2014
Width [mm]	204					
Height [mm]	70					

Illumination

Illuminant	LED - Modules					
LED - Modules	1	2	3	4	5	6
LED	8	16	24	32	40	48

Illumination

Length [mm]	330	670	1000	1330	1670	2000
Width [mm]	330					

Measure, monitor and analyse motion

with stroboscopes from

DRELO

www.drello.de



Technical data

3001 FB control device

Measured value display	5-digit 7-segment display, 12 mm digit height , in min^{-1} , s^{-1} and degree
Electrical	
Supply voltage [V]	from DRELLOSCOP 1298
Max. power consumption [W]	3.6
Max. power consumption [A]	0.3
Ambient conditions	
Operating temperature [°C]	0...50
Storage temperature [°C]	-20...+70
Degree of protection	IP 50
Dimensions	
Dimensions (L x W x H) [mm]	92 x 76 x 175
Weight [kg]	approx. 0.78

Our product range

Measure, monitor and analyse motion

By using stroboscopes, it is possible to seemingly stop rapidly moving motion sequences that are not visible to the human eye and therefore to visualize them.

In addition, the speed of motion can be measured completely contact free.

- Compact hand-held stroboscope with rechargeable battery and power supply
- Stroboscope with separate illuminant
- Stroboscope systems for stationary use

For special applications we modify devices from our standard range and develop a suitable device for your specific requirements.

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