

DRELLOSCOP 1296



- *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*

DRELLOSCOP 1296



Stroboscope

High-power wide-angle illumination for track widths of 750 to 2000 mm.

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.

To reduce disruptive reflections by metallic print colours or track materials, the brightness is adjustable and an additional glass diffuser disk with metal frame is available.



Remote control

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

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



Connection

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.

Technical data Powerbox

Model

DS 1296-3

DS 1296-4

DS 1296-5

DS 1296-6

| | | | | | | | | |
|--|---|------------------|------------------|------------------|------------|------------|------------|------------|
| External control | external, by rectangular pulses 0.3...24 Vs | | | | | | | |
| 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, 30...10000 min ⁻¹ | | | | | | | |
| connectible automatic function | automatic switch-off of flash operation | | | | | | | |
| brightness setting | automatic depending on the flash sequence, or manual | | | | | | | |
| Electrical | | | | | | | | |
| Supply voltage | 230 V (AC) alternatively 115 V (AC), alternatively 115 V (AC) | | | | | | | |
| Max. power consumption [W] | 180 | 220 | 260 | 300 | | | | |
| Max. current consumption [A] (max. 230/115 V) | 0.8 / 1.6 | 0.96 / 1.92 | 1.1 / 2.2 | 1.3 / 2.6 | | | | |
| Ambient conditions | | | | | | | | |
| Operating temperature [°C] | 0...50 | | | | | | | |
| Storage temperature [°C] | -20...+70 | | | | | | | |
| Degree of protection | IP 30 | | | | | | | |
| Dimensions | | | | | | | | |
| Dimensions (L x W x H) [mm] | 1140 x 140 x 160 | 1440 x 140 x 160 | 1740 x 140 x 160 | 2040 x 140 x 160 | | | | |
| Weight [kg] | approx. 22 | approx. 26 | approx. 30 | approx. 32 | | | | |
| Illuminant | Xenon quartz flash tube | | | | | | | |
| Number of illuminants [pcs.] | 3 | 4 | 5 | 6 | | | | |
| Illumination | | | | | | | | |
| Distance [mm] | 300 | 500 | 300 | 500 | 300 | 500 | 300 m | 500 |
| Area [mm] | 1000 x 360 | 1666 x 600 | 1300 x 360 | 2166 x 600 | 1600 x 360 | 2666 x 600 | 1900 x 360 | 3166 x 600 |
| Level of illumination [lx] @ 10000 min ⁻¹ | 1880 | 676 | 1880 | 676 | 1880 | 676 | 1880 | 676 |

DRELLOSCOP 1296

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 1296 |
| 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] | 90 x 65 x 170 |
| Weight [kg] | approx. 0.78 |

Scope of supply

| |
|--|
| DRELLOSCOP 1296 stroboscope |
| DRELLOSCOP 3001 FB control device |
| Connecting cable |
| Mains cable |
| 2 mounting plates, adjustable up to 120° |
| Glass diffuser disk in the holding frame |