

S.I. Instruments
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For reliable measurement, control and indication of rotational speeds



RT STROBE 7000 LED

Outstanding light intensity
with intelligent LED-technology
for XXL-web widths

Low-wear technology
with LEDs

light intensity and image
sharpness adjustable

Homogeneous and large
area illumination

Applicable for web width
exceeding 500 mm





High-performance stationary LED-stroboscope with powerful light output and homogenous illumination for XXL-web widths

High light output Due to the configuration with 200 high-performance LEDs, the *RT STROBE 7000 LED* offers a powerful light intensity. The large, homogeneous illumination surface delivers superb results even at difficult light conditions, making the *RT STROBE 7000 LED* suitable for a very wide range of measurement, observation and inspection functions. It is especially suitable for demanding applications, such as those in the printing industry.

High focus With an adjustable flash duration from 1–1000 µseconds, you will easily find the best combination between light intensity and sharp images for every application.

Flexible adjustment to all applications Alternatively, the stroboscope can be controlled directly by the trigger signal of your system without the need for additional control units or by various RT STROBE control devices. When using these trigger options simultaneously, you can easily alternate between the signal inputs by using the switch on the reverse side of the device.

Additional control options The *RT STROBE control* model range includes two devices for varying the control of the *RT STROBE 7000 LED*:

RT STROBE eco control – a simple and inexpensive unit for controlling flash frequency. You simply insert this small control unit into one of the sockets on the reverse side of the device.

RT STROBE control – for adjusting the flash frequency, phase shift, delay time and trigger divider. This unit is connected to the stroboscope by cable and provides the convenience of remote control even if the stroboscope within your machine is difficult to access.



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Technical data

| General parameters | |
|---|--|
| Frequency range | 0...120,000 FPM (flashes per minute) |
| Power supply | 24 VDC (+/-10%) / 40 W |
| | DIN 41524 5-pin standard plug |
| | universal power supply unit available |
| External trigger input | 3...30 V / max. 5 mA |
| | potential-free optocoupler |
| | DIN 41524 5-pin standard plug |
| | U _{out} = U _{in} , max. 200 mA |
| | switchable trigger input |
| Trigger output | for parallel connection |
| Flash parameters | |
| Light intensity/sharpness adjustable with tuning knob | |
| Light intensity single flash approx. | 1,2 Mega-Lux / 30cm / 12" |
| Light intensity | 9,000 Lux / 30 cm / 12" |
| Illumination area | 30 x >50 cm / 12 x >20" |
| Flash colour | approx. 5,000...8,300 K |
| Housing | |
| Material | Aluminium |
| Dimensions | 440x130x112 mm / 17,3x5,1x4,4" |
| Weight | 2,100 g |
| Ambient conditions | |
| Ambient temperature | 0°...40°C (32°...104°F) |
| Storage temperature | -25°C...70°C (-13°...158°F) |
| Humidity | max. 95% not condensing |
| Certifications | |
| Certificate of CE conformity | |

Scope of delivery

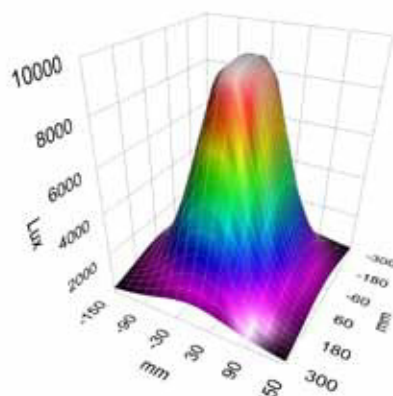
A6-7200: RT STROBE 7000 LED stroboscope, operating instructions, 1 plug for connection of trigger input and/or power.

A6-7210: RT STROBE 7000 LED stroboscope, power supply unit, operating instructions, 1 plug for connection of trigger input and/or power.

Accessories (optional)

Tripod/wall mounting, power supply unit, plug for trigger signal/supply connection, Stroboscope control units: RT STROBE control or RT STROBE eco control.

Illumination level



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