

Accurately read, display and check rotational speeds.



## RT STROBE 3000

Light-intense, compact stroboscope  
for stationary and mobile use.



Exceptional  
light intensity

High image definition

Many different  
application options

Homogenous  
illumination area

**High light-intensity and extremely short flash time,  
the best technology for perfect sharply defined images**

### High light performance

Thanks to the large, homogenous illumination area, you get outstanding results even in unfavourable light conditions. This makes the RT STROBE 3000 ideal for a wide range of measurement, observation and inspection tasks. Especially suitable for difficult tasks, such as applications in the printing industry.

### Super sharp frozen image

Powerful electronics give the RT STROBE 3000 high illumination intensity. Up to 10 megalux (for each individual flash). Because of the extremely short flash duration ( $<5\mu\text{s}$ ) you get a precise sharply defined image however fast the movements are.

### Flexible use

Drill holes on the underside enable the stroboscope to be mounted firmly on your equipment. The additional tripod connection means you can move the stroboscope to different locations.

### Rapid result

When a trigger signal is fed in, the stroboscope flashes in time with this signal. If the flash frequency matches the movement frequency, a frozen image appears – perfect for precise observations.

### Additional control

Link your RT STROBE 3000 to a control unit, e.g. the RT STROBE control. This gives you a wide range of signal influencing options, which provides perfect usage conditions, even if an uncontrolled external signal would trigger flashes too frequently (for example) or at the wrong location.



**RT STROBE**  
3000

## Technical data

### General parameters

Frequency range	0...12.500 FPM (flashes per minute)
Power supply	15 - 28 V DC / 12 W DIN 41524 5-pin standard plug Universal power supply unit available
External trigger input	3 - 30 V / max. 5 mA (voltage-free optocoupler) DIN 41524 5-pin standard plug Uout = Uin, max. 200 mA

### Flash parameters

Life cycle	> 200,000,000 flashes (@ 6,000 FPM)
Flash duration	< 5 $\mu\text{s}$
Illumination intensity	Single flash 10 megalux/30 cm/12"
Illumination intensity	500 lux/30 cm/12" (@ 6,000 FPM)
Illumination area	20x30 cm
Light colour	6,000...6,500 K
Flash energy	600 mJ @ $\leq 1,200$ FPM

### Housing

Material	Aluminium
Dimensions	150x130x112 mm / 6.0x5.1x4.4 inch
Weight	870 g

### Ambient conditions

Ambient temperature	0...40 °C (32...104 °F)
Storage temperature	-25...70 °C (-13...158 °F)
Air humidity	Max. 95 %, non-condensing

### Certificates

EMV / EMC 2004/108/EC
EN 61010:2001
2006/95/EC

### Scope of delivery



Stroboscope RT STROBE 3000, operating instructions, 1 plug for trigger input and power supply

### Accessories (optional)



Spare flash light, tripod / wall mounting, power supply unit, 1 plug for trigger signal / power supply connection, stroboscope control unit.

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