

Safe measurement, indication and control of rotational speed



# RT STROBE 3000 XENON

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 XENON* 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 XENON* high illumination intensity. Up to 10 Mega-Lux (for each individual flash). Because of the extremely short flash duration (< 5 µs) 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 XENON* 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 VDC / 12 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 <sub>out</sub> = U <sub>in</sub> , max. 200 mA

Flash parameters	
Life cycle	> 200,000,000 flashes (@ 6,000 FPM)
Flash duration	< 5 µs
Illumination intensity	Single flash 10 Mega-Lux / 30 cm / 12"
Illumination intensity	500 Lux / 30 cm / 12" (@ 6,000 FPM)
Illumination area	20 x 30 cm
Light colour	6,000 ... 6,500 K
Flash energy	600 mJ (@ <1,200 FPM)

Housing	
Material	Aluminium
Dimensions	150 x 130 x 112 mm / 6.0 x 5.1 x 4.4"
Weight	870 g

Ambient conditions	
Ambient temperature	0 ... 40 °C (32 ... 104 °F)
Storage temperature	-25 ... 70 °C (-13 ... 158 °F)
Humidity	max. 95 % not condensing

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

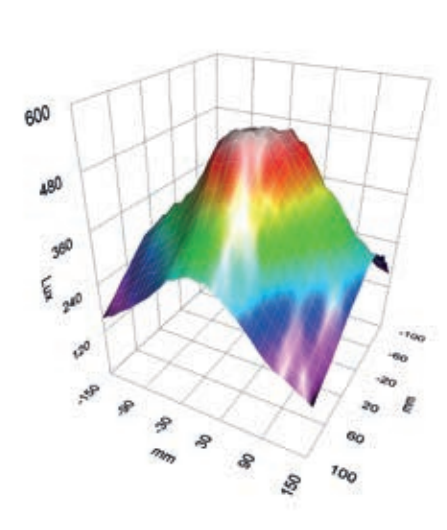
**Scope of delivery**

- A6-3000: RT STROBE 3000 XENON stroboscope, operating instructions, 1 plug for connection of input and/or power.
- A6-3010: RT STROBE 3000 XENON stroboscope, power supply unit, operating instructions, 1 plug for connection of input and/or power.
- A6-3055 (Starter-Set): RT STROBE 3000 XENON stroboscope, power supply unit, RT STROBE eco control, operating instructions, 1 plug for connection of input and/or power.

**Accessories (optional)**

Replacement flash tube, tripod/wall mounting, power supply unit, plug for trigger signal/supply connection, UV set for inspection of UV print. Stroboscope control units: RT STROBE control or RT STROBE eco control.

**Illumination level**



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