

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 _{out} = U _{in} , 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

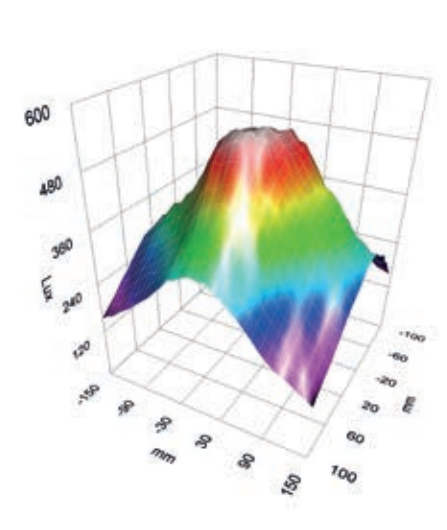
Scope of delivery

- 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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