Safe measurement, indication and control of rotational speed

RHEIN TACHO

RT STROBE qbLEDs

Ultra-efficient stationary
stroboscopes for
precision measurements

Low-wear

**Light intensity and image
sharpness adjustable**

**Homogeneous,
large area illumination**

Intelligent operation

RT STROBE
qbLED

STATIONARY

RT STROBE qb LED
STATIONARY

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

High light output This extremely robust and precise stationary stroboscope is used to conduct measurements in difficult industrial environments and is specifically designed for maintenance work / commissioning and inspections. The large, homogeneous illumination surface delivers superb results even at difficult light conditions.

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.

Individual: switchable between standard and professional modes All standard settings can be adjusted quickly and easily without any prior in-depth knowledge, so that you can begin your maintenance work immediately. If your requirements are more specialised and very specific measurements, for example, call for a time-delayed flash or a slow motion function, you can activate these settings in the pro mode, which is specially designated for these.

Informative: display with illuminated background The clear and neatly arranged rear reveals the various controls and settings. For improved readability the display is equipped with background lighting. This makes it significantly easier to read the values, even under unfavourable environ-mental conditions.

www.rheintacho.com

Technical data

General parameters	
Number of LEDs	40
Frequency range	30 - 300,000 flashes per minute
Display	LCD, multiline
Accuracy	± 0.02 % (±1 digit / ±0.025 µs)
Resolution	± 0.1 (30.0 ... 999.9 FPM)
	± 1 (1,000 ... 9,999 FPM)
	± 10 (10,000 ... 300,000 FPM)
External trigger input	3 - 30 V / max. 5 mA (isolated optocoupler)
	DIN 41524 5-pin standard connector
	Uout = 24 VDC, 60 mA
Certifications	EMV / EMC 2004/108/EG; 2006/95 EG;
	DIN EN 61010-1:2011; DIN EN 62471:2009; CE

Flash parameters	
Light duration	adjustable
Light intensity	approx. 1,750 Lux @ 1° / 300 mm (12 inch)
Flash colour	approx. 5,000 - 8,000 K

Power supply	
Power supply	via mains connection

Housing	
Material	Aluminium
Dimensions	150 x 130 x 112 mm / 6.0 x 5.1 x 4.4 inch
Weight	approx. 850 g

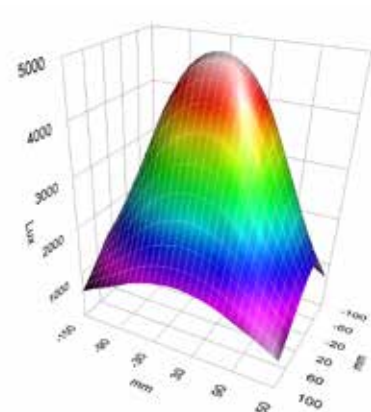| Ambient conditions	
Temperature	0 - 40 °C / 32 - 104 °F
Type of protection	IP30

Scope of delivery

A4-3505: Stroboscope RT STROBE qbLEDs, operating instructions, calibration certificate, charger with connector set, 1 DIN plug 5-pin for trigger input and/or power

Accessories (optional)

Tripod / wall mounting, trigger sensors, case, handle, edge bumpers

Illumination level

RHEINTACHO Messtechnik GmbH
Waltershofener Straße 1
79111 Freiburg · Germany
Tel: +49 (0)761 45 13 0
Fax: +49 (0)761 44 52 74
info@rheintacho.com
www.rheintacho.com