
Date: March, 2011
Author: Wolfgang Sexauer
Telephone: +49/761/4513-139
Email: sexauer@rheintacho.de



Presse-Information

RT Strobe 3000 LED – RT Strobe 5000 LED – RT Strobe 7000 LED Rheintacho presents a new series of high performance LED stroboscopes

Rheintacho presents a new series of LED stroboscopes for stationary use with the RT Strobe LED 3000, 5000 and 7000 models. This series complements the RT Strobe series, which uses xenon technology and is already well-known on the market.

As compared to XENON stroboscopes, the LED series models are designed for various inspection widths. This is naturally accompanied by greater light intensity depending on the inspection width.

RT Strobe 3000 LED – Inspection width app. 300mm
RT Strobe 5000 LED – Inspection width app. 500mm
RT Strobe 7000 LED – Inspection width app. 700mm

Greater widths than 700mm are illuminated by using a number of these stroboscopes connected together, controlled by one control unit.

Rheintacho relied on their comprehensive experience collected from the development of portable LED stroboscopes (RT Strobe pocketLED) in designing this stroboscope. The development of ever higher performing LEDs is now allowing for the development of stationary models that present serious alternatives to xenon models with regards to both performance and commercial aspects.

One of the main advantages offered by the Rheintacho LED stroboscope are, that there is no longer a need to use xenon tubes, which are typical wear and tear parts. LEDs, on the other hand, are nearly indestructible and display no subjectively measurable wear and tear. LEDs also offer a significantly higher flash frequency (flashes per minute). LEDs generate light which many consider pleasant and flash without making any sound.

But even in 2011, LED technology still suffers from one major disadvantage compared to the intelligent XENON devices: longer flash duration.

A light intensity comparable to that of xenon devices requires a somewhat longer flash duration and slightly less sharp imaging quality. The only way to circumvent this today: using a larger number of LEDs. This route involves literally “buying” the light intensity, which presents a considerable cost disadvantage as compared to XENON.

Since LED stroboscopes offer system-related advantages with regards to vibration resistance and lifetime duration, Rheintacho has decided to introduce this new series to the market.

With these two Rheintacho models, users can now make a use-oriented decision in accordance with their priorities.

RHEINTACHO Messtechnik GmbH
Waltershofener Straße 1 • 79111 Freiburg • Germany
Telefon +49 (0)761 45 13 0 • Telefax +49 (0)761 44 52 74
info@rheintacho.de • www.rheintacho.de

RHEINTACHO UK
Unit 17, Enterprise Court, Pit Lane • Micklefield, Leeds, LS25 4BU • U.K.
Telefon +44 (0)113 287 4411 • Telefax +44 (0)113 287 4422
sales@foundrometers.co.uk • www.foundrometers.co.uk

Date: March, 2011
Author: Wolfgang Sexauer
Telephone: +49/761/4513-139
Email: sexauer@rheintacho.de



Presse-Information

The technical information on the RT Strobe 5000 LED speaks for itself:

- Light intensity 5,000 Lux @ 6,000 FPM @ 30cm @ 2°
- Flash duration / light intensity manually adjustable
- Flash frequency 30 – 95,000 flashes per minute (FPM)

The mechanical design is identical for all devices in this series and corresponds to the design found in the xenon series.

The strobe's stable aluminium case has different fastening threads on the underside. Available options include a tripod, stable pivot bracket systems and sensors. Three sockets for power supply and control signals can be found on the back of the device.

The device is controlled either directly through the observed system or through the RT Strobe control or RT Strobe ECO control units. Rheintacho also offers a comprehensive range of sensors specially designed for the RT Strobe program. Optical sensors for the recognition of print marks, label gaps or registers, as well as for light barriers and magnet sensors are included in this assortment.

Both machine signals and the signal from a control unit can be used simultaneously thanks to the connections available in the series. The switch between the two inputs is performed by rocker switch on the back of the stroboscope.

An option for regulating light intensity is included, even in the standard version of the RT Strobe 5000. This series of stationary LED stroboscopes makes Rheintacho the sole supplier of a full range of stroboscopes on the market, which include:

- both portable and stationary models,
- both XENON and LED technology

This wide range also ensures that the customer has the unique advantage of a service quality that is guaranteed to be neutral and based solely on the individual customer's needs.

RHEINTACHO Messtechnik GmbH

Waltershofener Straße 1 • 79111 Freiburg • Germany
Telefon +49 (0)761 45 13 0 • Telefax +49 (0)761 44 52 74
info@rheintacho.de • www.rheintacho.de

RHEINTACHO UK

Unit 17, Enterprise Court, Pit Lane • Micklefield, Leeds, LS25 4BU • U.K.
Telefon +44 (0)113 287 4411 • Telefax +44 (0)113 287 4422
sales@foundrometers.co.uk • www.foundrometers.co.uk