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Press release

Two-in-One: Tachometer and Auto-Sync stroboscope combined in a compact Laser-Tachometer from RHEINTACHO

The RT STROBE pocketLED LASER is an innovative addition to the portfolio of measuring devices from the Freiburg specialist.

By integrating the unique auto-sync laser function, users get two devices in one: a portable stroboscope and in addition a digital handheld tachometer with laser measurement.

The tachometer function can be used up to a distance of approx. 3 meters. The laser beam is aimed at a reflection mark. The reflected beam triggers the receiver which is integrated in the flash head of the instrument.

The following rotational speed measurements are possible: average speed, minimum and maximum speed.

In the stroboscope mode, the device offers all state-of-the-art features. And in addition, an intelligent innovation: quick and sure adjustment of the flash frequency using the auto-sync function.

Like many good innovations, the basic idea is surprisingly simple. The reflected laser beam triggers the stroboscope head flash rate. As the reflected laser beam and flash are within the same area, the conversion of the idea into a robust easy-to-use technology was simply spoken "demanding".

Auto-sync does not only simplify identifying the correct flash frequency, but also automatically takes care of any rotational speed fluctuation of the object observed. Like the name says: auto-sync!

Another disturbing phenomenon has also been eliminated with this measuring twins: the harmonic multiplication. Using laser synchronization, flash rate is always corresponding with the real movement frequency. The stand-still images at multiples of the right frequency, are no longer a problem with automatic synchronization. The user is always led to a correct frequency by auto sync.

The clear difference between using the instrument as a tachometer or stroboscope is, in our opinion, recognizable in a clever way: different colors of the LCD display.

RHEINTACHO Messtechnik GmbH

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A long collection of different applications can be viewed on the website of RHEINTACHO in the application area. Further explanation about use are shown on videos on the RHEINTACHO YouTube channel.



RT STROBE pocketLED LASER Trigger

RHEINTACHO Messtechnik GmbH is a company with longstanding tradition and has been engaged since 1901 in the field of rotational speed, a crucial control quantity for mechanical processes. Just over 100 employees are employed at the company's headquarters in Freiburg. In-house product development, production and assembly departments guarantee quick and innovative solutions to customers' individual requirements. The production range incorporates a wide range of solutions of a high technical quality, principally in the field of rotational speed: sensors, hand-held measuring devices, rotary encoders and switching devices. In addition to the headquarters in Freiburg, Rheintacho has sales offices in Chicago / USA and Suzhou / PR China. There are also subsidiaries near Leeds / UK and Mulhouse / FR, which are responsible for special market segments and products.

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