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Press release

## **RT STROBE pocketLED Laser – the Stroboscope with Integrated Laser Synchronization**

### **RHEINTACHO presents Pocket-Sized Innovation**

**RHEINTACHO has equipped a small portable pocket stroboscope with an auto-sync laser function. The new RT STROBE pocketLED Laser sets the standard concerning functionality and usability.**

RT STROBE pocketLED Laser combines an LED-stroboscope and a laser tachometer in one device. The LED stroboscope is used for the visualization of movement. The laser tachometer enables contactless rotational speed measurement. The areas of application are numerous: everywhere where objects moving quickly have to be made visible, e.g. while checking turbines, in production and process control in the printing and textile industries, during inspection of running equipment in production or in research and development, especially when monitoring material safeguarding.

### **Auto-sync laser function achieves high measurement accuracy**

What is special on the new pocket stroboscope: the auto-sync laser function. Using an intelligent transmission/reception system via laser developed by RHEINTACHO, the flash frequency of the stroboscope synchronizes automatically using a reflection mark. The RT STROBE pocketLED Laser determines the synchronization frequency within the shortest time without any manual adjustment or external sensor signal. In addition, absolute measuring reliability is ensured by the redundantly determined value.

The portable multifunctional device flashes in stroboscope mode at up to 999,999 flashes per minute and is among the most powerful of its class. The quartz-accurate control provides precise flashes. Six extremely bright and durable LED's provide the excellent illumination of a circular surface. The RT STROBE pocketLED Laser achieves a high degree of measurement accuracy.

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### **Stable**

The light and ergonomically designed device with its compact shape enables operation with only one hand. The metal LED-head, the resistant housing, a screwed battery cover and the additional elastomer holster provide excellent stability. The IP65 approval protects against dust and moisture – and hence ensures any usage under demanding industrial conditions as well as outdoors without any reservations.

### **Ease of Operation**

Users immediately recognize the selected mode of operation through the different colours of the backlight: tachometer or stroboscope. The intelligent 2-step operating concept offers two options: a standard and a professional mode. This enables switching back and forth from daily routine applications and special measuring tasks. Operation is simple: all standard functions can be used quickly without any prior knowledge.

### **Multi-Functional**

In connection with a trigger option, the innovative measurement technology manufacturer located in Freiburg, Germany fulfils the individual requirements of the users. The RT STROBE pocketLED Laser is available optionally with or without a trigger interface. In the trigger version, the stroboscope is connected by cable to the control unit. The trigger interface is set up as a combined input and output interface. The trigger output offers the possibility to set a flash frequency in a stroboscope in connection with external equipment.

“While designing the new RT STROBE pocketLED Laser, the topic of intelligent multi-functionality had a high priority for us, but at the same time we wanted to reduce it to the absolute necessary minimum, explains Wolfgang Sexauer, Sales and Marketing Manager at RHEINTACHO. “With our RT STROBE pocketLED Laser, we offer our customers a flexible use device at an attractive price.”

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RT Strobe pocketLED Laser – Multi-functional and easy to operate

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