

## **A4950 - pocket size LED stroboscope**

A4950 is handheld LED stroboscope for a wide range of machinery maintenance applications. Stroboscope enables to ostensibly stop rotating or generally periodic (reciprocating) motion of a machine. Stroboscope allows also to find out the speed of rotation or to perform synchronized measurements without having to use reflective markers on the shaft.

The A4950 stroboscope uses three ultra-bright LEDs with optical system as a source of flashes. Instrument is equipped with a colour graphic display and 3-buttons keypad. Operation is very easy and intuitive. Two standard or rechargeable AA batteries are used for powering. The A4950 stroboscope can be used also as a tachometer by connecting an external tacho probe.

### **Key Features**

High power LEDs with lens and reflector system

Flash frequency range from 0,5 Hz (30 RPM) to 500 Hz (30 000 RPM)

Flash frequency divider and multiplier

Control of the flash duration

Flash rate controlled by internal or external triggering

Powering for external laser tacho-probe

Trigger output for external instrument

Torch mode

AA batteries or accumulators operation

Heavy duty case

Tripod mount

### **Technical data:**

Light source:	3 XR-E ultra-bright LED
Flash frequency range:	0,5 Hz – 500 Hz (30 RPM – 30 000 RPM)
Flash frequency resolution:	0,01 Hz or 0,1 RPM
Flash duration:	0,5° - 10° of revolution frequency
Phase shift:	-180° - +180°

Trigger output pulse:	3,3 V
External trigger input pulse:	1 V - 5V positive/negative
Powering for external tachometer:	5 V / 100 mA
Display:	colour graphic OLED display 128 x 128 pixels
Operating time:	up to 20 hours (lithium batteries)
Operating temperature:	-5 °C - 55 °C
Dimensions:	150 x 60 x 35 mm
Weight:	340 g (including batteries)
Tripod mount:	¼"
Accessories:	laser tachometer-probe (optional), trigger cable for VA3, VA4 (optional)