

# RPM MEASUREMENT STROBOSCOPE

## PCE-LES 103

### LED tachometer with a range of 60 ... 300.000 flashes

The LED stroboscope PCE-LES 103 combines LED technology with intelligent and compact electronics for precise control of the flash frequency. The mobile handheld stroboscope is particularly suitable for non-contact measurement and visualisation of movements on machines and systems. The frequency of the PCE-LES 103 can be continuously adjusted between 1 and 5000 Hz (60 - 300,000 flashes

per minute). The high-power LEDs used ensure a particularly long service life of the light sources. At 6,000 flashes per minute and a distance of 30 cm, the stroboscope achieves an illuminance of 2,900 lux. A long operating time is achieved by the large Li-ion battery.

### ISO cal option

- » 3 high-power LEDs
- » flash frequency up to 300.000 FPM
- » adjustable flash duration and phase shift
- » 2.4" TFT display
- » automatic shutdown



## APPLICATION



## TECHNICAL SPECIFICATIONS



Technology	3 high-power LEDs
Color temperature	6,500 K
Illuminance	Min. 3,000 lux at 6,000 FPM (distance 30 cm)
Measuring range	60 ... 300,000 FPM
	1 ... 5,000 Hz
Resolution	60 ... 999.99 FPM: 0.01 FPM
	10,000 ... 300,000 FPM: 0.1 FPM
	1 ... 5,000 Hz: 0.01 Hz
Accuracy	± 0.001 % of rdg.
Phase shift	-359 ° ... 359 ° (Resolution 0.1 °)
Battery	3,7 V LiPo Battery Rechargeable
Display	2,8" LCD
Dimensions	(180 x 93 x 36 mm)
Operating conditions	0 ... 50 °C
Storage conditions	-20 ... 65 °C
	35 ... 85 % RH, non-condensing
Charging time	3 h
Power adaptor	Input: 100 ... 240 VAC; 50/60 Hz
	Output: 12 V; 3 A
Operating time	21 h at 6000 FPM
	36 h at 6000 FPM (display off)



Subject to change without notice