STROBOSCOPE

PCE-LES 108-ICA



- **8 powerful high-power LEDs**
- **flash frequency adjustable in FPM and Hz**
- **9150 lux at 30 cm / 1000 Hz**
- **digital pulse width modulation**
- **phase shift - 360 ° ... + 360 °**
- **quick adjustment using x2 and ÷2 key**
- **intuitive control keys and clear display**
- **pocket size**
- **incl. ISO-Calibration Certificate**

Analysing the movement of rotating machines is quick and easy with our stroboscope. The stroboscope is equipped with 8 high-power LEDs, which together generate a light intensity of 9150 lux at 30 cm / 1000 Hz.
The stroboscope allows you to precisely set the flash frequency in both FPM and Hz. The stroboscope is pocket-sized and is also mains-independent thanks to the rechargeable battery.

The stroboscope is operated intuitively using the 10 keys, allowing quick adjustments to be made. The phase shift allows the observation point to be moved variably. The pulse width can be used to set the duration and therefore also the intensity of the flash frequency. The display brightness can be selected in the settings menu and the display can also be switched off after a period of inactivity, which extends the battery life. The stroboscope is supplied with a USB-C charging cable in a service bag.

Stroboscopes are indispensable tools for monitoring and inspecting production facilities, e.g.

Specification

Frequency	
Measuring range	60 ... 9999,99 FPM
Resolution	0,01 FPM
Accuracy	±0.003 % of the setting or ±1 LSD

Frequency	
Measuring range	10000 ... 300000 FPM
Resolution	0,1 FPM
Accuracy	±0.003 % of the setting or ±1 LSD

Frequency	
Measuring range	1 ... 5000 Hz
Resolution	0,01 Hz
Accuracy	±0.003 % of the setting or ±1 LSD

General technical data	
Display type	LC colour display
Display size	2,8 Inch
Operating time	3 h
Operating time additional information	at flash frequency 100 Hz, 1 %, display brightness 70 %
Automatic power-off from...to	2 ... 10 min.
Luminous intensity	17670 lux @ 20 cm @ 1000 Hz 1% 9150 lux @ 30 cm @ 1000 Hz 1% 4100 lux @ 50 cm @ 1000 Hz 1%
Light colour	6200 K
Phase shift	-360 ... 360 °
Pulse width	0.01 ... 1 % of pulse duration Resolution: 0.01 % 0.01 ° ... 3.60 ° of 360 ° Resolution: 0.01 °
Menu language	Turkish, English, Polish, Spanish, German, Chinese, Russian, French, Italian, Dutch
Protection class (device)	IP52
Power supply	5 V DC, 2 A
(Rechargeable) battery	1 x 7,4 V DST604665 , Lithium-ion battery
Capacity	2200 mAh
Performance	16,28 Wh
Operating conditions	-20 ... 60 °C , 35 ... 85 % RH
Storage conditions	-20 ... 60 °C , 35 ... 85 % RH
Dimensions (L x W x H)	165 x 90 x 35 mm
Weight	284 g