

RPM MEASUREMENT STROBOSCOPE

PCE-LES 108

with 8 High Power LEDs / 9150 lux @ 30cm @ 1000Hz 1%

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 17670 lux at 20 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 buttons, 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.

ISO cal option

- » powerful 8 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 button
- » intuitive control buttons and clear display
- » pocket size
- » route measurement
- » slow motion mode



APPLICATION



TECHNICAL SPECIFICATIONS

Frequency		Further Models::	
Measuring range	60 ... 9999.99 FPM	PCE-LES 108UV-365	8 UVA HochleistungsLEDs
Resolution	0.01 FPM	PCE-LES 108UV-385	UVA-Licht 365 ... 370 nm
Accuracy	±0.003 % of the setting or ±1 LSD		8 UVA Hochleistungs LEDs
			UVA-Licht 380 ... 390 nm
Frequency		With external trigger input and output	
Measuring range	10000 ... 300000 FPM	PCE-LES 308	
Resolution	0.1 FPM	PCE-LES 308UV-365	
Accuracy	±0.003 % of the setting or ±1 LSD	PCE-LES 308UV-385	
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		
Storage medium	Internal memory		
Operating time	4.5 h		
Operating time	Additional information at flash frequency 100 Hz, 1 %, display brightness 70 %		
Hz, 1 %, Automatic switch-off from ... to	2 ... 10 min.		
Automatic switch-off can be deactivated	Yes		
Light 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 °		
Trigger	input: Permissible input: NPN signal, 24 V DC, sensor supply: 24 V / 100 mA for external sensors		
Output:	Open-drain output, up to 24 V, 50 mA		
Route measurement	Up to 15 routes, 10 machines per route, 5 points per machine		
Menu language	Turkish, English (US), Polish, Spanish, German, Chinese, Russian, French, Italian, Dutch		
Protection class (device)	IP52		
Power supply	5 V DC, 2 A		
Plug type	Device Euro plug		
Rechargeable battery/battery	1 x 7.4 V internal, lithium-ion battery		
Capacity	2200 mAh		
Operating conditions	-20 ... 60 °C , 35 ... 85 % r. H.		
Storage conditions	-20 ... 60 °C , 35 ... 85 % r. H.		
Dimensions (L x W x H)	165 x 90 x 35 mm		
Weight	284 g		



Subject to change without notice