



PCE Americas Inc.
711 Commerce Way
Suite 8
Jupiter
FL-33458
USA
From outside US: +1
Tel: (561) 320-9162
Fax: (561) 320-9176
info@pce-americas.com

PCE Instruments UK Ltd.
Units 12/13
Southpoint Business Park
Ensign way
Hampshire / Southampton
United Kingdom, SO31 4RF
From outside UK: +44
Tel: (0) 2380 98703 0
Fax: (0) 2380 98703 9
info@pce-instruments.com

www.pce-instruments.com/english
www.pce-instruments.com

Technical Stroboscope PCE-LES 300

**PCE-LES 300 Handheld Tachometer / Stroboscope / Robust housing / 9 high-powered LEDs
/ Measuring range 60 ... 120000 FPM / Frequency doubling and halving / Phase shift /
Includes factory calibration certificate**

The Stroboscope PCE-LES 300 is equipped with 9 high-power LEDs that generate a light intensity of 5100 lux at 6000 FPM at a distance of 20 cm / 7.9 in. This allows the PCE-LES 300 handheld tachometer / stroboscope to provide a large and bright area of illumination. The accuracy of the stroboscope is 0.01%. Due to the backlit display and easy operation via quick-selection buttons, measurements over a measuring range of 1 ... 2000 Hz can be performed very precisely and quickly.

The LED stroboscope has further useful functions such as flash duration, phase shift, triggering by external triggering and automatic shutdown. With these adjustment possibilities, the stroboscope is ideally suited for the speed determination of rotating machines as well as for the visualization of faulty machine parts and assemblies. The stroboscope can generate static images by means of phase and equal speed periodic illumination of the components to be tested by means of flashes of light. This makes mistakes visible on the rotating or oscillating component during the process.

- Flash frequency up to 120000 FPM
- Internal or external measuring mode
- Extensive adjustment possibilities
- Backlight on / off
- Deceleration time adjustable
- Handy design

Technical specification:

Measuring range	1 ... 2000 Hz 60 ... 120000 FPM
Accuracy	±0.01%

Resolution	1 ... 200 Hz: 0.01 Hz 200 ... 2000 Hz: 0.1 Hz 1 ... 200 Hz: 0.01 Hz 200 ... 2000 Hz: 0.1 Hz 60 ... 12000 FPM: 0.1 FPM 12000 ... 120000 FPM: 1 FPM
Flash duration	0.1°/360° ... 2.5°/360°
Power supply	Power supply: 12V, 0.5 A Battery: 1050-mAh, 11.1V
Charging time	Ca. 3 h
Environmental conditions	0 ... 45°C / 32 ... 113°F, 35 ... 85% r.H.
Dimensions	210 x 202 x 57 mm / 8.3 x 8 x 2.2 in
Weight	440 g / 1 lb
Illuminance	5100 lux at 20 cm / 7.9 in distance at 6000 FPM
Flashing colour	Ca. 5000
Protection	IP64

Delivery contents:

- 1 x PCE-LES 300 handheld stroboscope
- 1 x Power supply
- 1 x Factory calibration certificate
- 1 x Instruction manual
- 1 x Case