The PCE-OM 15 stroboscope has an external trigger function as well as a 6500 K xenon white lamp. This unit flash freezes the motion and measures the speed of a rotating object without contact, simply by aiming and synchronizing its flash rate (fpm) with the speed (rpm) of the object. The stroboscope has a 230V power supply and it is ideal for quality control of all type of components and rotating machines in preventative inspection, maintenance procedures, motion analysis, gear movement, etc.

- ON / OFF switch, range adjustment, fine and coarse adjustment buttons to synchronize flash, double or divide in half the flashing and display rate with just one activation, memory
- Frequency range adjustment with turn-key
- Detachable pistol-grip handle
- Xenon white lamp of 6,500 K
- External trigger function
- RS-232 interface
- Tripod for fix the unit
- ISO Certificate as optional

### Technical specifications

- **Measurement range**: 5 to 12,500 r.p.m.
- **Accuracy**: ±0.15 % (up to 1,000 r.p.m.)
- **Resolution**: 0.1 r.p.m. (up to 999 r.p.m.)
- **Maximum distance**: 1 m (depending on operating Illumination)
- **Phase shift**: no
- **Power**: 230 V AC
- **Enclosure**: ABS plastic
- **Dimensions**: 210 x 120 x 120 mm
- **Weight**: 1100 g

### Contents

- PCE-OM 15 Stroboscope, detachable pistol-grip, power adaptor and user’s manual

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The PCE-OM 200 phase displacement stroboscope, trigger input and powered by rechargeable battery.

High performance stroboscope with sturdy enclosure. The flash frequency is adjusted from the apparatus and appears on the LED display. The machine component or the material to be tested is illuminated in respect to the frequency of repetition of movement and when this is done, the user perceives the object to be stationary. Impulses can be divided or multiplied to determine the exact number of revolutions.

- Powered by rechargeable NiCad battery (14.4 V)
- Phase displacement
- Flash frequency adjusted using the device or it can be input from an external sensor/trigger input
- Frequency can be adjusted: x2 or 2
- Continuous operation without losing power thanks to the large reflector and good heat displacement
- 13 W, 6,300 K, white Xenon lamp
- Large LED display
- Optional ISO calibration certificate

### Technical specifications

- **Measurement ranges**: 30.0 to 14,000 r.p.m.
- **Accuracy**: ±0.01 %
- **Resolution**: 0.1 r.p.m.
- **Maximum distance**: 1.5 m (depending on illumination)
- **Phase displacement**: yes, up to 360 °
- **Power**: internal rechargeable battery
- **Mains Power**: 230 V / 50 Hz
- **Indicator**: LED
- **Enclosure**: plastic
- **Dimensions**: 110 x 185 x 300 mm
- **Weight**: with accumulator 1880 g

### Contents

- PCE-OM 200 strobo, rechargeable battery, charger, replacement lamp, case and user’s manual

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### Optional accessories

- XL-DS: Spare Xenon White lamp
- STAT: Tripod
- CAL-DS: ISO Certificate

### Optional accessories

- UNX-TP: Trigger cable (impulse input)
- UNX-TC: Trigger cable (contact input)
- EA-200: Replacement rechargeable battery
- ER-200: Replacement xenon lamp
- STAT: Tripod
- CAL-DS: ISO Certificate
**Tachometers**

**Beacon**

Handheld stroboscope with high light unit

The high powered, handheld Beacon stroboscope allows you to measure revolutions, oscillations or observe movement in sieving processes. It has a small, light weight enclosure. Because of this it can be used to measure with comfort in the places difficult to access. The intensity of light of 1374 lux at 5 m distance allows you to use it in conditions of low illumination. The flash frequency is adjusted with two keys and it appears on the digital display.

- ON/OFF switch, fine and coarse adjustment buttons to synchronize flash, double or divide to half the flashing
- 1374 lux Xenon white lamp (100 million flashes)
- FPS/Hz = flashes / second or Hz
- Three power levels
- Long battery life: 30 min (maximum intensity and flash range)
- Solid enclosure
- Operates with rechargeable battery
- Two batteries included
- ISO Certificate as optional

**Technical specifications**

- Measurement range: 30.0 to 18,000 r.p.m.
- 0.5 to 300 Hz
- Accuracy: ±0.01 % of reading
- Resolution: ± 0.1 r.p.m. (full range)
- Maximum distance: 5 m (depending on operating illumination)
- Phase shift: yes, up to 360°
- Power: 15 VDC (internal rechargeable battery, charges in 2 to 3 h)
- Enclosure: ABS plastic
- Dimensions: 168 x 161 x 342 mm
- Weight: 2300 g (with battery)

**Contents**

Beacon, Stroboscope, battery charger, adaptor, 2 batteries and user’s manual

**Model No.** Beacon
**Description** Stroboscope with batteries

**Optional accessories**

- TC-BEAC: Trigger cable (impuls & contact)
- ER-BEAC: Replacement xenon lamp
- EA-BEAC: Replacement battery
- NST-BEAC: Nylon carrying case
- CAL-DS: ISO Certificate

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**PCE-T259**

Handheld tachometer and stroboscope: two meters in one

This tachometer and stroboscope in one is useful for inspection and maintenance in production processes. It is a handheld meter that is ideal for checking revolutions of machine components or in motors, fans and other mechanisms.

**Stroboscope**

The stroboscope has a measurement range of 100 to 100,000 r.p.m. Due to the connection IC and the orange lamp LED the meter has low power consumption and it doesn’t require maintenance. The stroboscope is adjusted by two knobs for fine and normal adjustment.

**Tachometer with non-contact measurement**

Tachometer without contact from 5 to 100,000 r.p.m. with a resolution of 0.1 (within <1,000 r.p.m.).

- High power LED lamp
- Solid, ABS plastic enclosure
- 5 digit LCD, 10mm, 180° automatic drawing (depending on measurer model)
- Memory for last, maximum and minimum values, automatic update when the unit is turned on
- ISO Certificate as optional

**Technical specifications**

- Measurement range: 5 to 99,999 r.p.m. (photo)
- 100 to 100,000 r.p.m. (stroboscope - flashes/min)
- Accuracy: ±0.1 % of value; ±2 positions
- Resolution: 0.5 r.p.m. (<1000 r.p.m.) (photo)
- 1.0 r.p.m. (>1000 r.p.m.) (stroboscope)
- Maximum distance: 50 to 150 mm; max. 300 mm
- Min Max Peak Hold: yes
- Interface / data transfer: -
- Software: -
- PC requirements: -
- Power: 4 AA batteries (1.5V)
- Enclosure: ABS plastic
- Dimensions: 65 x 215 x 38 mm
- Weight: 300 g

**Contents**

PCE-T259 Tachometer, reflective marking tape (600mm), carrying case and user’s manual

**Model No.** PCE-T259
**Description** Stroboscope and tachometer

**Optional accessories**

- REF: Reflective marking tape (600mm roll)
- CAL-DS: ISO Certificate (for stroboscope function)
- CAL-DT: ISO Certificate (for tachometer function)