



PCE-T259 tachometer and stroboscope **optica tachometer and stroboscope combined into one handheld device**

The PCE-T259 combined tachometer / stroboscope is a device for production, inspecton and maintenance applications. This handheld device is ideal for testing the velocity of mechanisms, centrifuges, motors and ventilators as well as many other machines and sytems in use in the industrial and research sectors. The unusual combination of handheld tachometer and stroboscope are contained whiting a compact design. Keep in mind that the measurement distance of 10cm is to be adhered to and no exceeded. If you wish to determine from a greater distance, we recommend that you choose from one of the following tachometers that can be found [here](#).

Stroboscope component

A stroboscope with a measurement range of 100 to 100,000rpm. The device has a low power consumption due to its IC connection and its clear orange LED. The stroboscope is adjusted by way of a switch that can be set to either fine or normal.

Tachometer component

Non-contact measurement of the velocity of revolutions with a range of 0.5 to 100,000rpm with a resolution of up to 0.1 (for <1,000rpm)

[Here](#) you will find another high-quality, handheld tachometer with software and RS-232 interface. There are other good quality devices for making contact or non-contact measurements but without software, the [PCE-T236](#). We also have another tachometer available for taking measurements for further away, that has an optical sensor which can be mounted for measurements over a period of time, the [PCE-155](#). This [link](#) shows an overview of all the tachometers that we have available.

- Easy to use
- Radiation with LED lamp
- orange strobe light
- solid ABS plastic enclosure
- 10mm, 5 digit LCD which automatically turns 180° according to the type of measurement being taken
- Memory for last, minimum and maximum values
- Auto start
- Comes ready to use of of the box and includes a carrying case, reflective tape, batteries and users manual



PCE-T259 tachometer / stroboscope

[View or print the user's manual](#)



Technical specifications

Measurement range	5 to 99,999 rpm (optical) 100 to 100,000 FpM (stroboscope - flash/min)
Resolution	0.5 to 999.9 = 0.1 rpm; up to 99,999 = 1.0 rpm (optical) 0.1 FpM - rpm (for <1,000 FpM - rpm) (stroboscope) 1.0 FpM - rpm (for >1,000 FpM - rpm) (stroboscope)
Accuracy	±0.1% of reading; ±2 positions
Maximum distance for optical measurements	100mm
Strobe light	orange
Duration	approx. 16% of the duration
Adjustment	fine and normal by pressing a button
Memory	last, maximum and minimum values

Power	4 AA batteries
Operating temperature	0 to 50°C
Enclosure	ABS plastic
Display	5 digit LCD
Dimensions	65 x 215 x 38mm
Weight	300g

Contents

PCE-T259 tachometer and stroboscope, reflective tape (60mm), carrying case and user's manual

Optional accessories

- Roll of reflective adhesive tape (5m)
- Tripod