

USER MANUAL

CONTACT TACHOMETER

PCE-T 230



ENGLISH



User manuals in various languages (français, italiano, español, português, nederlands, türk, polski) can be found via our product search on:
www.pce-instruments.com

INTRODUCTION

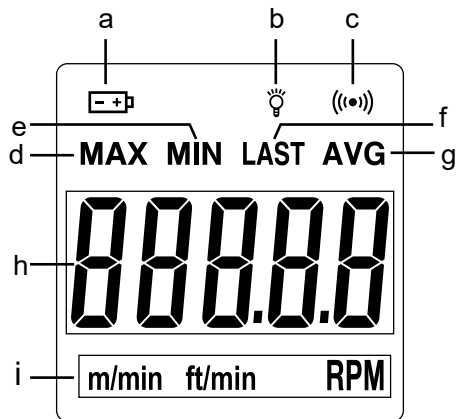
Tachometer is one of the necessary instruments in machinery industry, which is used to measure rotation speed, linear speed or frequency of electric motor, as well as rotation speed of impeller blades, roller and shaft. It is widely used in industries like electric motor, fan, washing machine, textile, automobile, aircraft, ships, etc.

Features:

1. Maximum value, minimum value, average value, last measured value holding.
2. Clear operation instructions and full display of unit symbol
3. A wide range of measurement, high resolution.
4. Low battery indicator, LCD backlight display, automatic shutdown.
5. With combination of latest microprocessor technology and laser technology, the instrument is more intelligent and more reliable.
6. Large LCD screen display, clear reading.
7. Solid and ingenious structure. The whole machine adopts durable and optimized electronic components, and light but hard ABS plastic for the shell, which is good-shaped and user-friendly.

LCD DISPLAY

- a.Low battery indicator
- b.Backlight indicator
- c.Measurement signal
- d.Max value
- e.Min value
- f. Last value
- g.Average value
- h.Rotation speed
- i.Rotation speed unit



OPERATION INSTRUCTION

1. Turn on/off and backlight

Short press / long press power button to turn on the instrument, then short press power button to turn on / off backlight, long press power button to turn off instrument.

2. Automatic shutdown

Short press power button to turn on the instrument, and full screen display lasts 1s. After no operation under no measurement state for 1 min, automatic shutdown starts. Long press power button to turn on the instrument, UOFF indicator shows first and full screen display follows, which is not automatic shutdown state.

3. Start / stop measurement

Short press button to turn on / off measurement. Measurement is off by default after turning on the instrument, CLOSE is displayed on the screen when the measurement is off, if measurement is on, real-time rotation speed is displayed.

Note: All MAX / MIN / LAST / AVG values saved before turning on the measurement will be cleared.

4. Switch unit

Long press MEM button to switch among RPM, m / min, ft / min.

5. Check MAX / MIN / LAST / AVG value

Under CLOSE state, short press MEM button to sequentially check the MAX, MIN, LAST, AVG values saved in the previous measurement. Under measurement state, short press MEM button to sequentially check real-time MAX, MIN, LAST and AVG values.

6. Low battery indicator

When battery voltage is lower than 2.2V, the battery indicator flashes, and batteries should be replaced in time.

TECHNICAL PARAMETERS

Measure range	0.5 ... 19999
Resolution rate	0.1 (0.5 ... 999.9) / 1 (1000 ... 19999)
Accuracy rate	0.05 % + 1
Sample interval	0.8s (60RPM or above)
Power	2x 1.5V AAA batteries
Size	55.0 * 33.0 * 157.8 mm

Specific Declarations:

Our company shall hold no any responsibility resulting from using output from this product as an direct or indirect evidence. We reserves the right to modify product design and specification without notice.

DISPOSAL

For the disposal of batteries in the EU, the 2006/66/EC directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose. In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law. For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations. If you have any questions, please contact PCE Instruments.

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