



Pocket Tach 99 (PT99)

Noncontact Optical Tachometer

Features:

- Operating distance up to 36 inches from reflective target*
- Speed measurement: 5 to 99,999 RPMs
- Red LED light source
- Able to recall max and minimum values
- Easy-to-use single-handed operation
- Tripod mountable for continuous measurement
- On-Target Indicator
- Ergonomic design with non-slip rubber surface

* Performance subject to the intensity of ambient light irradiation.



Basic Noncontact Optical Tachometer


The Pocket Tach 99 is a handheld precision optical tachometer designed to make noncontact measurements of rotational speeds from 5 to 99,999 RPM at a distance of up to 36 inches [91.44 cm]* from a reflective target and at an angle of up to 30° off perpendicular. The unit has the ability to recall maximum and minimum values. The ergonomic design allows safe, direct line-of-sight viewing of both the rotating target and the display at the same time while providing a non-slip rubber surface for single-hand operation.

This unit is battery-powered and can be tripod mounted and locked on for continuous measurements. The PT99 is the value leader in the world-class Pocket Tach Series from Monarch.

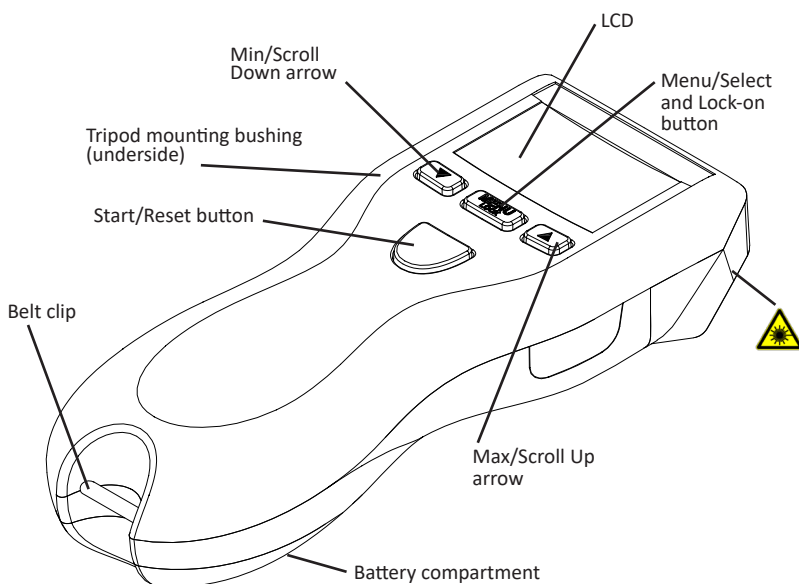
*Performance subject to the intensity of ambient light in inspection area.



Pocket Tach 99 (PT99) Noncontact Tachometer

Specifications*	PT99 Tachometer
Speed Range	5 to 99,999 RPM
Accuracy	±0.01% of reading or ±1 digit
Resolution	Auto-ranging: 0.001 RPM to 1.0 RPM
Operating Range	≤ 36 in. [91.44 cm] at ≤ 30° off perpendicular
Memory	Maximum, Minimum, and Last Reading
Display	5 digits, 5 alphanumeric LCD
Light Source	Red LED
Batteries	2 AA 1.5 V  (DC) alkaline (included) Note: batteries are not rechargeable
Battery Life	60 hours continuous typical with provided batteries
Dimensions (HxWxD)	6.92 in. x 2.4 in. x 1.6 in. [17.58 cm x 6.10 cm x 4.06 cm]
This product is designed to be safe for indoor use under the following conditions (per IEC61010-1):	
Installation Category II	Per IEC 664
Pollution Degree Level II	Per IEC 664
Temperature	40 °F to 105 °F (5 °C to 40 °C)
Humidity	Maximum relative humidity of 80% for temperatures up to 88 °F (31 °C) decreasing linearly to 50% relative humidity at 100 °F (40 °C); humidity non-condensing

*Specifications are subject to change without notice.



CAUTION

Red LED light emitted from this aperture. (This is not a laser product.)



Accessories for the PT99 include a **Padded Pouch** with belt loop. See website for details.

Ordering Information

Model	Description	Part No.
PT99 Basic	Tachometer, batteries, and 12" of T-5 Tape	6109-010
PT99 Basic with NIST	Tachometer, batteries, 12" of T-5 Tape and NIST Traceable Certificate	6109-010-CAL

[Accessories available on website](#)

PT99 1025



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