

Pocket Laser Tach 200 (PLT200 Tachometer)

The Pocket Laser Tach 200 (PLT200) is a digital, battery-powered portable optical tachometer, which operates up to 25 feet (8 meters) from a reflective target using a Class 2 laser light source. The ergonomic design allows safe, direct line-of-sight viewing of both the target and the display at the same time, while providing a non-slip rubber surface for single-handed operation.

Multifunction Tool

The PLT200 is a 32-function Tachometer/Rate Meter, Totalizer/Counter and Timer (stopwatch), programmable in both Imperial and Metric units. It includes two phone plug connectors, including an input for our optional Remote Contact Assembly (RCA) or remote sensors and a TTL compatible pulse output to trigger devices like vibration data collectors or stroboscopes. The kit is supplied complete with a Remote Contact Assembly including concave and convex tips and a 10 cm linear speed wheel, all in a latching carrying case. Sensors, 12-inch Contact Wheel, and input/output cable are optional.

Specifications*	PLT200 Tachometer	
Display	5-digit, 5-digit alphanumeric LCD	
Range (Optical)	5 to 200,000 RPM (subject to ambient light intensity)	
Range (Contact)	0.5 to 20,000 RPM (also reads RPS and RPH)	
Rates	10 cm Contact Wheel	12 in. Contact Wheel
Inch/min	1.969 to 78,740	6.000 to 144,000
Feet/min	0.164 to 6,561.7	0.500 to 12,000
Yard/min	0.055 to 2,187.2	0.167 to 4,000
Cm/min	5.000 to 200,000	15.240 to 365,760
Meter/min	0.050 to 2,000.0	0.153 to 3,657.6
Totalizer	1-999,990 (events or length)	
Timer	99:59.9 (min., sec., tenths)	
Accuracy	Optical: $\pm 0.01\%$ of reading Contact: $\pm 0.05\%$ of reading	
Resolution	0.001 to 10 RPM (range dependent)	
Operating Distance	2" to 25' (5 cm to 7.62 m), $\pm 70^\circ$ from perpendicular	
Memory	Max, Min., and Last	
Power	2 AA 1.5VDC batteries (30 hours)	
Environmental	5° to 40°C (40° to 105°F), 80% RH up to 31°C (88°F)	
Dimensions	6.92 x 2.4 x 1.6 in. (17.58 x 6.10 x 4.06 cm)	
Weight	7 ounces (210 grams)	

*Specifications are subject to change without notice.



View display and target

Features:

- Contact or non-contact modes
- View display and target simultaneously
- Lightweight
- Operates up to 25 feet from target
- Use remote sensors
- TTL input/output (3.5mm phone plug)

Ordering Information

Model	Description	Part No.
PLT200	Tachometer, batteries, 12 inches of T-5 tape, and NIST Certificate	6125-010
PLT200 Kit	Same as above with Remote Control Assembly with tips, 10 cm linear speed wheel, and standard latching carry case	6125-011

Accessories available on [website](#)

For details, see [PLT200 webpage](#).

Pocket Tach 99 (PT99 Tachometer)

The Pocket Tach 99 (PT99) is a digital, battery-powered portable non-contact optical tachometer, which operates up to 36 inches from a reflective target using a bright red LED light source. 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. The PT99 is the value leader of the world-class Pocket Tach Series from Monarch.

Specifications*	PT99 Tachometer
Display	5-digit, 5-digit alphanumeric LCD
Range	5 to 99,999 RPM
Accuracy	0.01% or ± 1 digit
Resolution	Auto ranging: 0.001 to 1 RPM Fixed: 1 digit
Operating Distance/Range	2" to 36" (5 cm to 91.44 cm), $\pm 45^\circ$ from perpendicular
Memory	Max, Min., and Last
Power	2 AA 1.5VDC batteries (60 hours)
Environmental	5° to 40° C (40° to 105° F), 80% RH up to 31° C (88° F)
Dimensions	6.92 x 2.4 x 1.6 in. (17.58 x 6.10 x 4.06 cm)
Weight	7 ounces (210 grams)

*Specifications are subject to change without notice.

Features:

- 36 in. operating distance
- One-handed operation
- LED light source
- Simple operation

Ordering Information

Model	Description	Part No.
PT99	Tachometer with 12 inches of T-5 tape, batteries	6109-010
PT99 with NIST	Same as above with NIST Certificate	6109-010-CAL

Accessories available on [website](#)

For details, see [PT99 webpage](#).

