

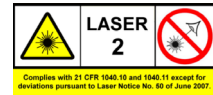


# Pocket Laser Tach PLT200

## Tachometer

### Features:

- Operating Range up to 25 feet\* (Class 2 visible laser)
- Accepts Remote Contact Assembly (optional)
- Accepts Remote Sensors (optional)
- TTL Pulse Output (requires optional 6 ft. BNC Cable)
- Auto Ranging/Fixed Decimal (user selectable)
- English and Metric Rates
- Tripod Mounting Bushing
- On-Target and Low Battery Indicators
- Rugged Rubberized Housing
- NIST Traceable Certificate of Calibration included



The PLT200 is a digital, battery-powered portable optical tachometer, which operates up to 25 feet\* 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-hand operation.

### Multifunction

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.

\*Performance subject to the intensity of ambient light irradiation.



## Pocket Laser Tach PLT200 Tachometer

### Remote Contact Assembly (RCA)

With the PLT200 Tachometer, measurement of units in addition to Revs requires the attachment of the Remote Contact Assembly (RCA) and tips/wheels. With this attachment, the tachometer can measure RATE inputs-revs, inches, feet, yards, centimeters, and meters either per second, per minute, or per hour, as well as miles per hour. **The RCA includes two contact tips (concave and convex) and a 10 cm linear contact wheel.**

Remote Contract Assembly PN: 6180-074

12" Linear Wheel PN: 6580-011



Rates:	10 cm Contact Wheel	12-inch circumference 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 4,000.0
cm/min	5.000 to 200,000	15.240 to 365,760
M/min	0.050 to 2,000.0	0.153 to 3,657.6

Specifications*	PLT200 Pocket Laser Tachometer
Display	Dual LCD: 5-digit upper/scrolling and 5-digit alphanumeric lower display
Batteries	Two (2) AA 1.5 V ... (DC) alkaline included (Note: Batteries are NOT rechargeable.)
Battery Life	30 hours continuous typical with batteries provided
<b>External Input:</b>	
Absolute Max	-0.3 V to 5 V ... (DC) pulse
Minimum	Low below 1.2 V and high above 2 V (TTL compatible)
Edge	Triggers on Positive edge
Power Out	0 V to 3.3 V ... (DC) pulse Same shape as External Input signal or high when internal optics sees a reflection
Dimensions (HxWxD)	6.92 in. x 2.4 in. x 1.6 in. [17.58 cm x 6.10 cm x 4.06 cm]
Weight	Approx. 7 oz. (210 g)
<b>This product is designed to be safe for indoor use under the following conditions (per IEC61010-1):</b>	
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	Max 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



### Ordering Information

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

[Accessories available on website](#)

\*Specifications are subject to change without notice.

PLT200 0222



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