

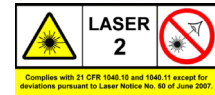


Pocket Laser Tach PLT200

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 continous typical with batteries provided |
| External Input: | |
| 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 refl ection |
| 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) |
| 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 | 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](#)

PLT200 0222



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