



## Example Applications:

- Centrifuges
- Saw blades
- Grinders
- Elevators/escalators
- Engines
- Motors
- Conveyor belts

## Pocket Laser Tach 200



## PLT200 Kit

Pocket Laser Tach 200 Kit includes: Tachometer, RCA, Contact Tips, 10cm Linear Contact Wheel, 5 feet of Reflective Tape and a Latching Carrying Case.

## Two Tachs in One ... the only portable laser tachometer available with both Remote Contact and Remote Sensors.

Optional plug-in Remote Sensors with 8 foot cable. (25 foot cables available).



Remote Optical Sensor (ROS-P) Gap 36 inches



Remote Magnetic Sensor (MT-190-P) Gap 0.25 inches



Remote Infrared Sensor (IRS-P) Gap 0.50 inches



Non-Contact Measurements- View Target & Display Simultaneously

Remote Contact Assembly (RCA) with 6 foot (1.82m) cable, Contact Tips and 10 cm Linear Contact Wheel

Optional 12 inch circumference Linear Contact Wheel



## Optional RCA

The compact and versatile Pocket-Tachs are ideally suited for non-contact, contact and linear speed measurements.

**Pocket Laser Tach 200 (PLT200)** is a digital, battery-powered portable optical tachometer, which operates up to 25 feet from a reflective target using a 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.

## Multi-Function

PLT200 is a 32 function Tachometer/Ratemeter, Totalizer/Counter and Timer (stopwatch), which is programmable in both English and Metric rates. Support is built-in for both our optional Remote Contact Assembly (RCA) and our Remote Sensors. PLT200 has a TTL compatible Pulse Output to trigger devices like 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.

## Specifications PLT200

- Display: 5 Digits, 5 Alpha-numeric LCD
- Range(s) \*Optical: 5 to 200,000 RPM
- \*\*Contact RPM: 0.5 to 20,000 RPM

Rates	10cm Contact Wheel	12 inch circumference Contact Wheel
Inch/min	1.969 to 78,740 IPM	6.000 to 144,000 IPM
Feet/min	0.164 to 6,561.7 FT/M	0.500 to 12,000 FT/M
Yard/min	0.055 to 2,187.2 YPM	0.167 to 4,000.0 YPM
Cm/min	5.000 to 200,000 cm/M	15.240 to 365,760 cm/M
M/min	0.050 to 2,000.0 M/M	0.153 to 3,657.6 M/M

- Totalizer: 1-999,999
- Accuracy: Optical:  $\pm 0.01\%$  of reading  
Contact:  $\pm 0.05\%$  of reading (rpm)  
0.001 to 10 RPM (range dependent)
- Resolution: 0.001 to 10 RPM (range dependent)
- Operating Range: 2" to 25' (5cm to 7.62m),  $\pm 70^\circ$  from perpendicular
- Memory: Maximum, Minimum and Last
- Power: (2) "AA" 1.5 VDC batteries (30 hours)
- Environmental: 5° to 40°C (40° to 105°F)  
80% RH up to 31°C (88°F)
- Dimensions: 6.92 "H x 2.4"W x 1.6"D  
(17.58 x 6.10 x 4.06cm)
- Weight: 7 oz. (210 g)

\* performance subject to intensity of ambient light irradiation.

\*\* also reads units per second and per hour.



## PT99

**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 an 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. Pocket Tach 99 is the value-leader of the world-class Pocket Tach Series from Monarch.

## Specifications PT99

- Display: 5 Digits, 5 Alpha-numeric LCD
- Range: 5 to 99,999 RPM
- Accuracy:  $\pm 0.01\%$  or  $\pm 1$  Digit
- Resolution: Autoranging: 0.001 to 1.0 RPM  
Fixed: 1 Digit RPM
- Operating Range: 2 inches to 36 inches,  $\pm 30^\circ$
- Memory: Maximum, Minimum and Last
- Power: (2) "AA" 1.5 VDC batteries (60 hours)
- Environmental: 5° to 40°C (40° to 105°F)  
80% RH up to 31°C (88°F)
- Dimensions: 6.92 "H x 2.4"W x 1.6"D (17.58 x 6.10 x 4.06cm)
- Weight: 7 oz. (210 g)

## Ordering Information

Pocket-Tach 99 Tachometer, Battery & 6 inches Reflective Tape.

Pocket Laser Tach 200 Tachometer, N.I.S.T. traceable certificate of calibration, 12 inches of Reflective Tape.

Pocket Laser Tach 200 Kit Tachometer with Latching Carrying Case, RCA, Tips and Linear Speed Wheel, Battery, 5 foot roll Reflective Tape, N.I.S.T. traceable certificate of calibration.

ROS-P Remote Optical Sensor with Mounting Bracket and 8 foot cable for Pocket Laser Tach 200 only  
T-5 Reflective Tape, 5 foot roll, 1/2" wide.