

## Monarch Optical Tachometers

- Operating Range up to 25 Feet
- Accepts Remote Contact Assembly (optional)
- Accepts Remote Sensors (optional)
- TTL Pulse Output
- Auto Ranging or Fixed Decimal
- English and Metric Rates
- Tripod Mounting Bushing
- On-Target and Low Battery Indicators
- Rugged Rubberized Housing
- N.I.S.T. traceable Certificate of Calibration

**PLT200** ▶



PLT200 SPECIFICATIONS	
Display:	5 digit alpha-numeric LCD
Optical Range:	5 to 200,000 RPM
Contact Range*:	0.5 to 20,000 RPM (other ranges: inches, yds, miles, cm, m per hour or per second)
Optical Accuracy:	±0.01% of reading
Contact Accuracy*:	±0.05% of reading (RPM)
Resolution:	0.001 to 10 RPM (range dependent)
Operating Range:	2 inches to 25 feet
Light Source:	Class 3R visible laser
Memory:	Maximum, Minimum and Last
Power:	(2) AA batteries
Environmental:	5° to 40°C (0° to 100°F) 80% RH up to 31°C (88°F)
Dimensions:	6.92 "H x 2.4"W x 1.6"D
Weight:	7 oz. (210 g)

\* with optional Remote Contact Assembly (RCA).

PLT200 is a 32 function Laser Tachometer and Ratemeter/Totalizer/Counter/Timer (stopwatch). The unit is program-able in both English and Metric rates. Support is built-in for the optional Remote Contact Assembly (RCA) and plug-in remote sensors. A TTL compatible pulse output can trigger devices like data collectors or stroboscopes. The ergonomic design allows safe, direct line-of-sight viewing of both the target and the display at the same time. The case has a non-slip rubber surface for single hand operation.

PT99 SPECIFICATIONS	
Display:	5 digit alpha-numeric LCD
Range:	5 to 99,999 RPM
Accuracy:	0.01% of reading or ±1 Digit
Resolution:	Autoranging: 0.001 to 1.0 RPM Fixed: 1 RPM
Operating Range:	2 to 36 inches
Light Source:	Red LED
Memory:	Maximum, Minimum & Last
Power:	(2) AA 1.5 VDC batteries
Environmental:	5° to 40°C (0° to 100°F) 80% RH up to 31°C (88°F)
Dimensions:	6.92 "H x 2.4"W x 1.6"D
Weight:	7 oz. (210 g)

**PT99** ▶



- Non-Contact Optical Measurement
- Operating Range up to 36 Inches
- Rugged, Ergonomic Rubberized Housing
- Tripod Mounting for Hands Free Operation
- Autoranging or Fixed Decimal

Direct line-of-sight viewing of both the rotating target and the display at the same time.

### ORDERING INFORMATION

Catalog No.	MODEL	DESCRIPTION
MN/6125-010	PLT200	Pocket Laser: Tachometer/Timer/Totalizer with N.I.S.T. traceable certificate of calibration and 12" of reflective tape.
MN/6125-011	PLT200 KIT	Pocket Laser Tachometer Kit includes: Tach, RCA, Carrying Case, N.I.S.T. certificate and 5 ft roll of T-5 reflective tape.
MN/6109-010	PT99	Pocket Tachometer with 12" of reflective tape
<b>Accessories for PLT200</b>		
MN/6180-057	ROS-P	Remote Optical Sensor with 8-foot cable, mounting bracket and 12" of reflective tape.
MN/6180-057-25	ROS-P-25	Remote Optical Sensor with 25-foot cable, mounting bracket and 12" of reflective tape.
MN/6180-017	MT-190P	Magnetic trigger Sensor/Amplifier with 8 foot cable
MN/6180-020	IRS-P	Infrared Sensor with 8 foot cable, 3.5 mm plug and mounting bracket
MN/6180-028	EC-25P	25 foot extension cable for all sensors
MN/6280-037	CA-4044-6	6 foot input/output cable, 1/8 inch mono phone plug to BNC connector
MN/6180-074	RCA	Remote Contact Assembly includes contact tips (concave and convex) and 10 cm linear contact wheel.
MN/6580-010	CTE	Rubber concave, convex tips and 10 cm contact wheel
MN/6580-011	12" Contact Wheel	Linear Contact Wheel with 12-inch circumference for use with RCA.
<b>Accessories for both models</b>		
MN/6180-047	CC-10	Padded Pouch
MN/6180-048	CC-11	Latching Plastic Carrying Case.
MN/6180-070	T-5	Reflective Tape 5 foot roll, 0.5" wide