

## RPM250W Laser Tachometer with Connectivity to ExView® App



The RPM250W is a compact Laser Tachometer with Bluetooth® connectivity, which allows maintenance professionals to view and share revolutions per minute (RPM) data of rotating equipment directly from a mobile device using the free ExView app. With the capability to capture, display trends, set alarms, and create and send reports, users can gain deeper insights on equipment health.

**Applications:** Wind turbine rotation speed, HVAC equipment check, appliance testing, research and development, fan check, manufacturing machine/equipment predictive maintenance inspection, and manufactured product counting



### RPM250W Features

- Take non-contact RPM measurements of rotating objects
- Laser guided for greater distance non-contact measurement range up to 500 mm (1.64 ft)
- View data on both large LCD display and from iOS® or Android™ mobile devices using the ExView app via Bluetooth
- Counter function counts up to 99,999
- Freeze display with 'data hold'
- Bright backlit LCD display
- Auto Power Off feature saves battery life
- Tripod mount fits standard 1/4"-20 mounting screw
- Complete with 3 AAA (1.5 V) batteries

### ExView App Features

- Transmit, view, and share data directly from a mobile device via Bluetooth
- Connect up to eight compatible Extech Connected 250W Series meters simultaneously
- Set up alarm and data recording
- Programmable high/low audible alarms
- Export data in .csv file format
- Create and send PDF reports including photos of the measurement location with a connected smartphone or tablet camera
- View app in day mode or dark mode for optimal user experience

*See next page for product specifications and ordering information*

Specifications	Range	Max Resolution	Basic Accuracy
Display	5-digit (9999 count) backlit LCD display		
RPM Range	10 to 9999.9 RPM	0.1 RPM	±0.04%
	10000 to 99999 RPM	1 RPM	±0.04%
Count Range	0 to 99999 counts	1 count	±2 dgts
Target Distance	50 to 500 mm (2 in to 1.64 ft)		
Sampling Rate	1 s (over 120 RPM)		
Sensor Type	Photodiode and laser tube		
Connectivity	Bluetooth (Free ExView App)		
ExView App Compatibility	iOS 13.0 and higher; Android 9.0 and higher		
Transmission Distance	>10 m up to 90 m line of sight		
Measuring Angle	±30° from perpendicular		
Power	3x AAA (1.5 V) battery (included)		
Operating Condition	0°C to 40°C (32°F to 104°F), ≤80% RH		
Dimensions/Weight	4.7 × 2.1 × 1.1 in (120 × 53 × 28 mm) / 2.9 oz (81.6 g)		

## Extech Connected Environmental Meters

The Extech 250W Series includes 5 meters that are compatible with the ExView Mobile App: AN250W Anemometer, LT250W Light Meter, SL250W Sound Level Meter, RH250W Hygro-thermometer, and RPM250W Laser Tachometer. Connect up to 8 meters of any combination to measure and trend various parameters to help accurately diagnose environmental conditions and rotating equipment.



## Ordering

RPM250W..... Laser Tachometer with Connectivity to ExView App

### Extech Connected 250W Series Additional Models

AN250W ..... Anemometer with Connectivity to ExView App

LT250W..... Light Meter with Connectivity to ExView App

RH250W ..... Hygro-Thermometer with Connectivity to ExView App

SL250W ..... Sound Level Meter with Connectivity to ExView App

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