EXTECH®

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

RPM250W UPC Code: 793950462508

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