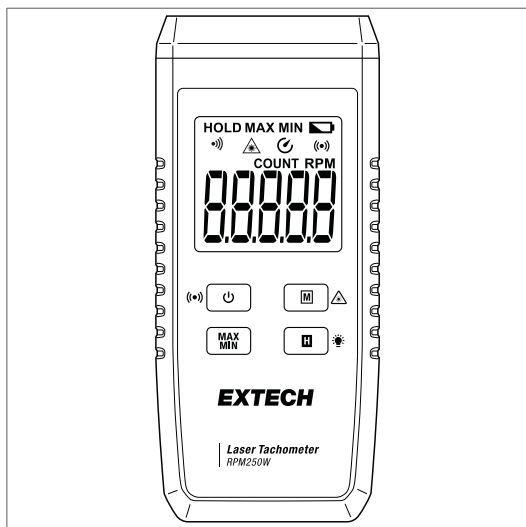


EXTECH®

Quick Start

RPM250W Laser Tachometer

Bluetooth® Connectivity with the
ExView® Mobile App



Quick Start (en)

PREPARATION

1. Included items: RPM250W, reflective tape, Quick Start, and batteries.
2. Download the User Manual from the Extech website.
3. Download the ExView mobile app from the App Store (iOS®) or Google Play (Android™).
4. Install the batteries in the rear compartment, observing correct polarity.
5. Long press the power button  to switch the meter on (short press to switch off).
6. Short press the  button to select Tachometer (*RPM*) or Counter (*COUNT*) function.

GENERAL SAFETY

- Check for damage to the device before use. Return the unit if damage is evident.
- Do not attempt to open the meter housing.
- Do not point the Laser beam toward the eyes.



- Allow at least 2 in. (50 mm) between the meter and the measured objects.
- CE and FCC compliant.

TACHOMETER (RPM) OPERATION

1. Switch off the device under test to ensure that it is not moving.
2. Affix a 0.5 x 0.5 in. (12 mm x 12 mm) piece of reflective tape to the device under test.
3. Short press  to select *RPM*.
4. Switch on the device under test so that it begins moving.
5. From a distance of 2 to 20 in. (50 to 500 mm), aim the meter sensor (top) toward the reflective tape.
6. The monitor symbol  appears when the meter detects the reflected light.
7. Read the RPM measurement on the LCD.
8. Short press *MAX/MIN* to step through MAX/MIN readings.

9. For measurements > 99,999 RPM, *OL* will appear.

COUNT OPERATION (ILLUMINATED OBJECTS)

1. Short press the  button until *COUNT* is displayed.
2. Position the meter 2 to 20 in. (50 to 500 mm) from the device under test.
3. Switch on the device under test so that it begins moving.
4. Each time an illuminated object passes the meter sensor, the count increments by 1, and the monitor symbol  appears.
5. Short press *MAX/MIN* to reset the counter to zero.
6. If the count is > 99,999, *OL* will display.

COUNT OPERATION (EXTERNAL ILLUMINATION)

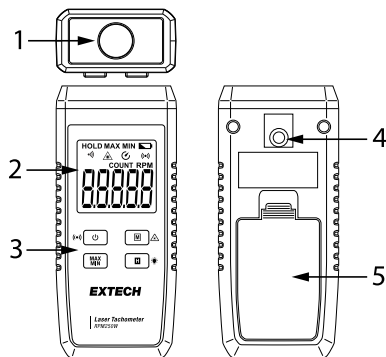
1. Set up the test so that the device under test is between the meter and the optical source.
2. Short press  until *COUNT* is displayed.
3. Long press  to switch off the Laser.
4. Position the meter 2 to 20 in. (50 to 500 mm) from the object under test.
5. Switch on the device under test so that it begins moving.
6. As each object passes between the meter and the optical source, the count increments by 1, and the monitor symbol  appears.
7. Short press *MAX/MIN* to reset the counter.

BLUETOOTH OPERATION

Long press the Bluetooth button () to switch Bluetooth on or off.
Download the ExView mobile app onto your smart device from the App Store or Google Play.

Instructions for app use are available on the Extech website (Ex-View product page). Switch APO off when using Bluetooth by pressing the power  and *H* buttons until the APO symbol  switches off.

METER DESCRIPTION

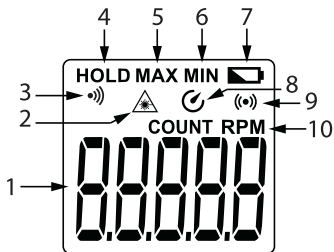


1. Photo-electric sensor and Laser pointer lens
2. Backlit LCD
3. Function buttons
4. Tripod Mount
5. Battery compartment

FUNCTION BUTTONS

	Long press to switch the meter on. Short press to switch off. Long press to switch Bluetooth on/off.
	In RPM mode, short press to view the MAX/MIN readings; Long press to clear the readings. In Count mode, short press to reset the count to zero.
	Short press to freeze/unfreeze the displayed reading. Long press to switch the LCD backlight on/off.
	Short press to toggle Tachometer (RPM) and Count modes. Long press to switch the Laser pointer on/off.

DISPLAY SYMBOLS



1. Measurement reading
2. Laser pointer symbol
3. Tachometer/Counter monitor symbol
4. Data Hold
5. Maximum reading
6. Minimum reading
7. Low battery symbol
8. Auto Power Off (APO) symbol
9. Bluetooth active
10. Tachometer (RPM) and Counter (COUNT) mode icons

BASIC SPECIFICATIONS

Display type	5 digit backlit LCD
Low battery indication	Replace batteries when symbol  appears
RPM range	0 to 99,999 RPM
Counter range	0 to 99,999
Operating conditions	32 to 104°F (0 to 40°C); < 80% RH
Storage conditions	-4 to 140°F (-20 to 60°C); < 80% RH

TWO-YEAR WARRANTY

FLIR Systems, Inc. warrants this Extech brand instrument to be free of defects in parts and workmanship for **two years** from date of shipment. View the full warranty at this link:

<http://www.extech.com/support/warranties>

CUSTOMER SUPPORT

Customer Support Telephone List:

<https://support.flir.com/contact>

Service e-mail: repair@extech.com

Technical Support: <https://support.flir.com>

Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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