

EXTECH®

Quick Start

Particle Counter

MODEL VPC260



Quick Start

PREPARATION

This Quick Start is intended as a guide to the meter's basic use and to introduce its many features. Download the user manual from the Extech website for complete information.

Customize the System and Test settings before use. These menus are outlined below and in the user manual.

Purge the particles from the meter before and after each use, using the supplied zero count filter, as explained in the user manual.

QUICK STEPS

1. Long press the power button  to switch the meter ON/OFF.
2. At the opening screen, press **ENTER** to access the measurement screen.
3. Expose the temperature/RH sensor to the ambient air by lowering its protective sleeve.
4. Hold the meter in hand or mount it on the supplied tripod.
5. Press the **RUN-STOP** button to start a test.
6. When the test ends, read the particle count and ambient measurements on the LCD.

CONTROL BUTTONS

ENTER	Access the measurement screen (from the opening screen). Select and open menu items.
ESC	Return to previous screen.
F1	Open the test record browser (also used to delete records from within the browser).
F2	Open the System settings menu (from the opening screen) or the Test settings menu (from the measurement screen).
F3	Open the general information page.
	Navigate menus and change settings.
	Long press to switch the meter ON/OFF.

SYSTEM SETTINGS MENU

1. Press **F2**  from the **Opening** screen to access the menu.
2. Scroll to an item using the arrow buttons.
3. Press **ENTER** to open an item. Press **ENTER** again to prepare the item for editing.
4. Use the arrows to change a setting.
5. Press **ESC** to save. The System settings are detailed below.

Date and Time	Set the real time calendar clock.
Font color	Set the displayed text color.
Language	Select local language.
Screen brightness	Adjust LCD brightness.
Auto power off	Set APO to 3, 15, 60 minutes or Disable.
Display time-out	Set the screen-saver timer.
Alarm	Enable/Disable the particle count alarm.
Memory status	Check the number of records recorded (1,000 total).
Factory reset	Reset the meter to factory default condition.
Units	Set temperature unit of measure (°C / °F).

TEST SETTINGS MENU

From the Opening screen, press **ENTER** to access the Measurement screen. Then press **F2**  from the **Measurement** screen to open the **Test Settings** menu.

This menu is used in the same way as the System settings menu (explained above). The menu items are detailed below.

Sample time	Length of test (3 to 180 seconds).
Start delay	Wait time before test begins (3 to 100 seconds).
Channel display	Choose the channel(s) to display on the measurement screen.
Ambient Temperature / RH%	Enable/Disable ambient measurement displays.

Sample cycle	Set the number of tests to run consecutively (1 to 100 tests).
Sample mode	Set the type of test (Cumulative, Differential, or Concentration).
Interval	Set the time interval between consecutive tests (1 to 100 seconds).
Level indication	Determine which channel will control the alarm function and the color bar graph's animated pointer.

ZERO COUNT FILTER

A Zero Count filter is provided for purging particles from the meter. Purge the system before and after each use to ensure that no residual particles remain in the sensor. See the user manual for complete instructions.

RECORD BROWSER

Each completed test becomes a stored record. Press **F1**  to open the browser. Scroll the list with the arrows and press **ENTER** to open a record. Delete a highlighted record by pressing **F1** . Press **ESC** to exit.

PARTICLE COUNT ALARM

Enable/Disable the alarm function in the *Alarm* menu item (System settings menu).

The meter beeps and shows the bell icon  when the particle count limit, for the designated channel, is in the yellow or red area of the color bar graph.

Designate the channel that will control the alarm and bar graph's animated pointer using the *Level Indication* menu item (Test settings menu).

The color bar graph indicates green for normal count, yellow for moderate, and red for high count. The color of the displayed bell icon matches the color bar graph reading.

Press **RUN-STOP** to abort a test and silence the alarm.

PC INTERFACE

Measurement readings can be transferred from the meter to a Windows® PC using the supplied USB cable. Refer to the PC Interface section of the user manual.

RECHARGEABLE BATTERY

Battery status is represented by the battery symbol on the upper right of the LCD.

To charge the battery, connect the supplied AC adaptor to the meter and to an AC source, 100 to 240 V (50/60 Hz).

The battery is not user-serviceable and can only be replaced by Extech service personnel.

LIMITED TWO-YEAR WARRANTY

This meter is covered by a Limited Two-Year Warranty. The full warranty can be read at the site below:

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

CUSTOMER SUPPORT

Support Telephone List: <https://support.flir.com/contact>

Main Support Site: <https://support.flir.com>

User Manual and PC Software Downloads:

www.extech.com

Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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