

# EXTECH® Quick Start

## CO270 - Air Quality CO<sub>2</sub> Meter


### Introduction

This Quick Start is intended only for reference and to quickly set up the meter. Refer to the User Manual, available on the Extech website, for detailed instructions.

### Power Supply





The meter is powered by three AAA batteries (rear compartment). Press the power button to switch ON.

### Control buttons

	Short press: ON; Long press: OFF
<b>SET</b>	Long press to access setup menu
Plus (+)	Set a parameter value in setup menu
<b>AVG</b>	View 8- and 24-hour average (and 24-hour peak)
<b>MUTE</b>	Mute beeper
<b>SET and MUTE</b>	Press together to unlock meter
<b>SET and +</b>	Press together to access calibration mode

### Display Icons

In addition to the temperature, humidity, and CO<sub>2</sub> readings, the meter shows multifunction icons, as listed below.

	Emoji for normal, moderate, and high CO <sub>2</sub> with green, yellow, red labels
<b>8h</b>	8-hour average reading
<b>24h</b>	24-hour average reading
<b>AVG</b>	Average mode
<b>PEAK</b>	24-hour peak reading
<b>ECO</b>	Conserves battery
	Low battery
	Password lock
	Beeper status
<b>ppm</b>	Parts per million units

### Basic Operation

The meter indicates CO<sub>2</sub>, temperature, and humidity. Before first use, place the meter near an open window on a sunny day for twenty minutes, then check that it reads between 350 and 450 ppm. If not, calibrate the meter, per instructions below.

### Mounting

The monitor can be set on a desktop, using the rear tilt-stand, or wall-mounted using the supplied anti-theft mounting kit.

### Setup Mode

For complete setup instructions, refer to the user manual. Setup parameters include Password lock, Alarm threshold, Temperature units, Auto baseline calibration, and Economy (ECO) mode.

### Average and Peak Modes

Use the **AVG** button to step through the 8- and 24-hour average readings, and the 24-hour peak reading.

### CO<sub>2</sub> Calibration

1. Long press the **CAL** and **+** buttons.
2. Press the **+** button to select **YES**.
3. After the 300 second calibration, the display will show **PASS** or **FAIL**. Retry the calibration if **FAIL** is displayed.
4. Press **SET** to exit the calibration mode.

### Basic Specifications

CO <sub>2</sub> range	0 to 9999 ppm
Temp. range	32 to 122°F (0 to 50°C)
Humidity range	5 to 95% RH
Dew point range	-90.8 to 122.0°F (-68.2 to 50.0°C)
Power	Three (3) AAA batteries
Operating conditions	32 to 122°F (0 to 50°C); <95% RH
Storage conditions	-4 to 122°F (-20 to 50°C); <95% RH
Dimensions	3.4 x 3.4 x 1.0 in. (86 x 86 x 25 mm)
Weight	4.1 oz. (115 g)

### Customer Support

Local Support Telephone List:

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

Returns (RMA):

<https://customer.flir.com/home>

### Warranty

Teledyne FLIR warrants this Extech brand instrument to be free of defects in parts and workmanship for **two years** from date of shipment. To view the full warranty text, see

<https://www.flir.com/support-center/warranty/>

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