EXTECH® Quick Start

CO270 - Air Quality CO_2 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
SET	Long press to access setup menu
Plus (**+**)	Set a parameter value in setup menu
AVG	View 8- and 24-hour average (and 24-hour peak)
MUTE	Mute beeper
SET and **MUTE**	Press together to unlock meter
SET and **+**	Press together to access calibration mode

Display Icons

In addition to the temperature, humidity, and CO_2 readings, the meter shows multifunction icons, as listed below.

☺☺☺	Emoji for normal, moderate, and high CO_2 with green, yellow, red labels
8h	8-hour average reading
24h	24-hour average reading
AVG	Average mode
PEAK	24-hour peak reading
ECO	Conserves battery
🔋	Low battery
🔒	Password lock
🔊 🔇	Beeper status
ppm	Parts per million units

Basic Operation

The meter indicates CO_2, 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_2 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_2 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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