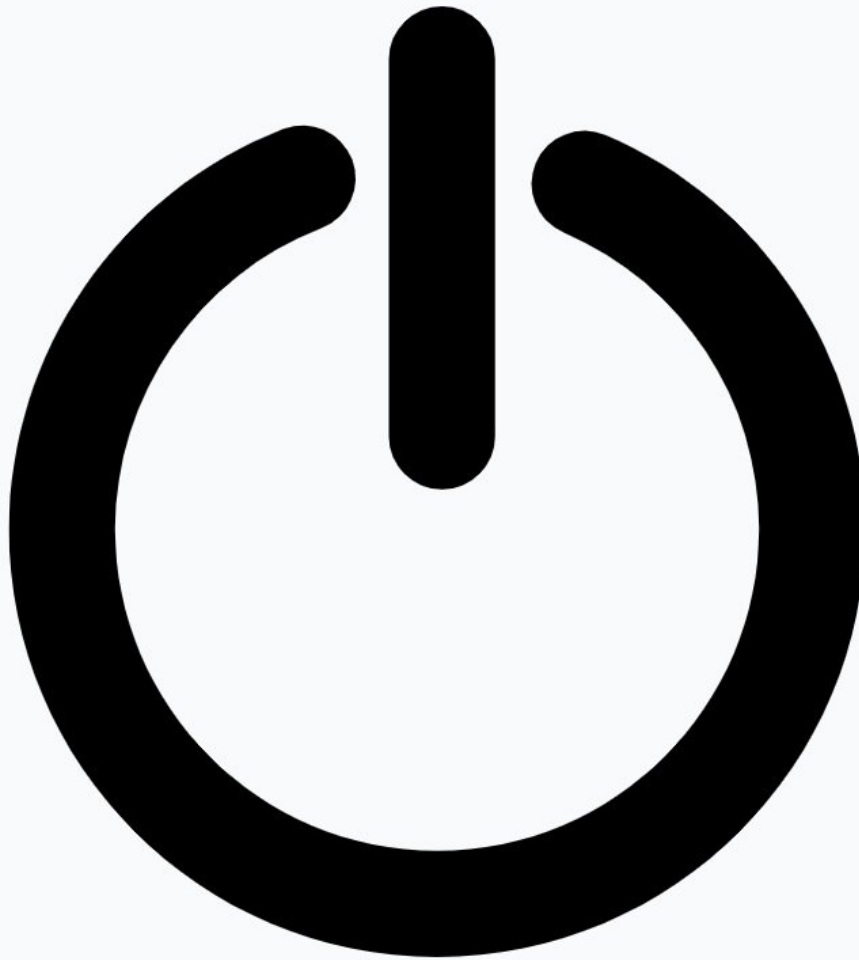




# Power on and warm up sensor head

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## INTRODUCTION

Use this guide to power up your monitor and warm up your sensor head. It assumes the battery is connected and fully charged.

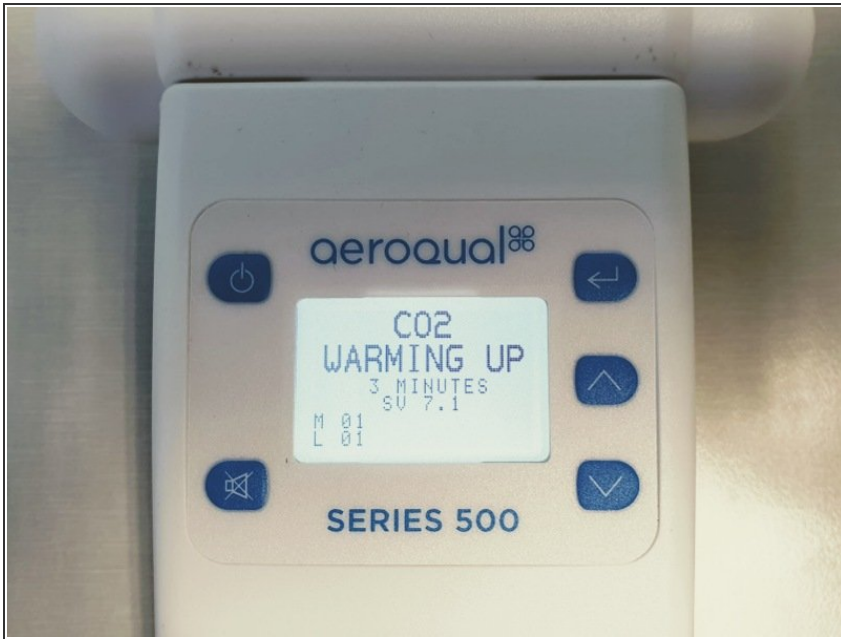
## Step 1 — Turn on monitor



AEROQUAL  
MONITOR  
S500 V6.4  
LITHIUM BATTERY

- Press and hold the **POWER** button until the screen activates.
  - ❗ If the monitor doesn't power up, the battery may be flat or have become disconnected from the socket at the base of the monitor.
- At startup, the display shows the model number, the software version and the battery type.
- After 5 seconds, it enters warming up mode, which allows the sensor to burn off any contaminants.

## Step 2 — Warm up sensor



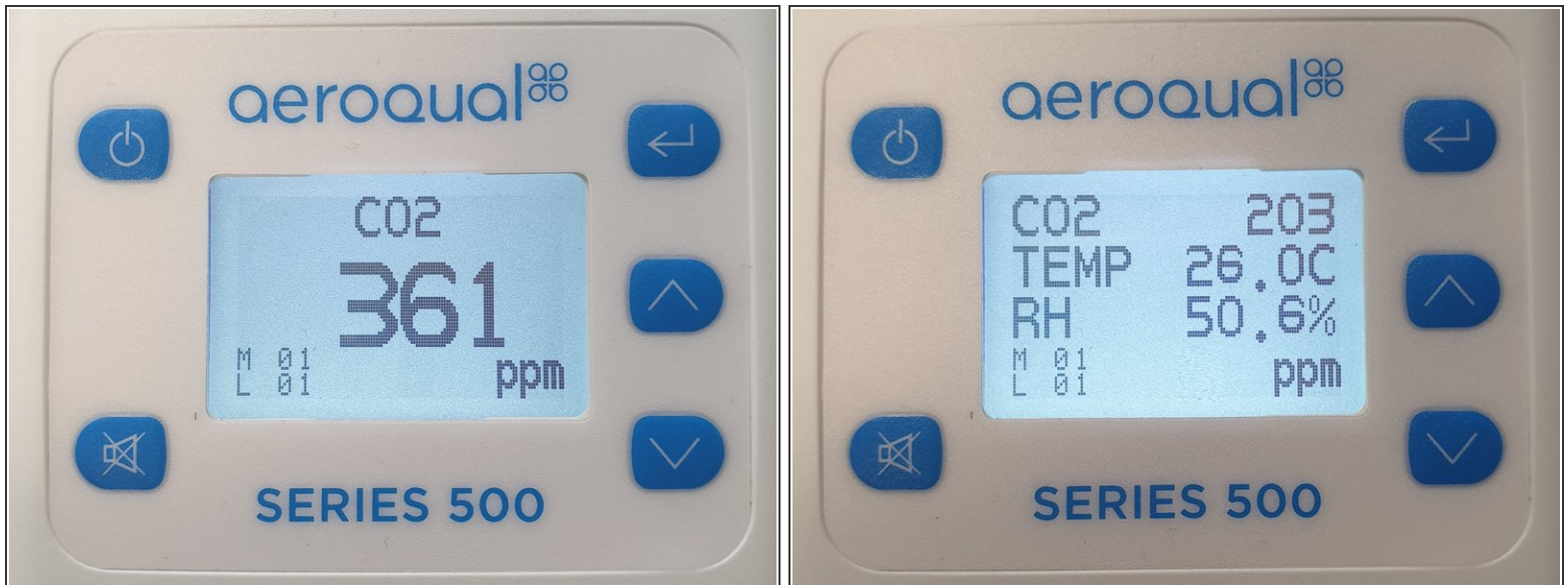
- There are two stages of warmup:
  - **3 MINUTES** Display shows the sensor head type and the words **WARMING UP** but no measurement. Note: The monitor ID (**M**) and location ID (**L**) also show for Series 500 and 300 monitors.
  - **7 MINUTES.** Sensor is stabilizing and the measurement is flashing.
- ① If the sensor is new (or has been unused for a long period), it can take up to 24 hours for the words **WARMING UP** to disappear. In this situation, try running the sensor in a clean air environment. If the message remains up to 48 hours after startup, a sensor failure may have occurred and you should contact [Customer Support](#).

### Step 3 — Ozone sensor



- For an ozone sensor, 24 hours is a conservative time to burn off contaminants to achieve its stated specification.
- VOC in the sample is the most common cause of longer warm up times. VOCs are often present in indoor areas where they are released from carpets, paints and clothing.
- The warm-up period can be reduced by subjecting the sensor to elevated ozone levels for a short period. For example, 0.1ppm of ozone for 5 minutes can reduce warm-up to less than 30 minutes.
- Taking the monitor with ozone sensor head outside or opening a window and having the sensor sample outdoor air should speed up the warm up cycle.

## Step 4 — View sensor reading



- When warm up is complete, the measurement stops flashing.
- If a temperature and relative humidity sensor is fitted, those values appear in separate rows.
- ① Only 3 parameters can be shown on the screen at one time. If a sensor captures more than one parameter (e.g. PM2.5 /PM10 sensor head) they will scroll up the screen.

For further support, contact [Technical Support](#).