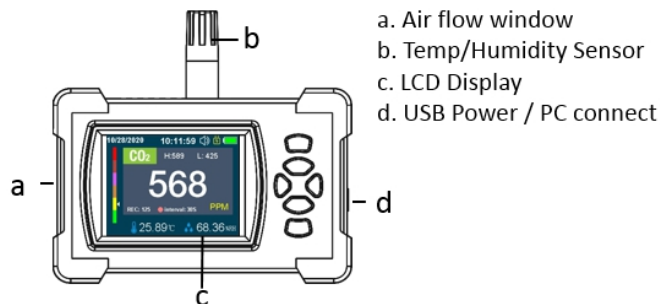


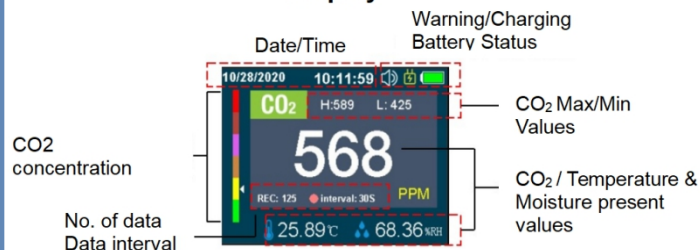
# EnvoAir™

## CO<sub>2</sub> Analyzer

### Product main parts



### Display



### Specification

Parameters	Specifications
CO <sub>2</sub> measure	0 – 9,999PPM, 1PPM resolution
Accuracy	±10% ±40 PPM
Work Range	-10 ~+60C ( -4~ +140F ) , 0-99%
Temp/Moisture	-0 ~+60C, 0-99%
Power	USB 5V, Charge for 3 hours for around 8 hours of operations
Data Capacity	999 groups
Net Weight	Approx. 200 grams
Volume	Approx. 140 x 134 x 33mm

### Safety

Please read this section before start using the analyzer to avoid any serious body injury or damage/lost of properties.

1. Use only the battery installed by the factory and do not try to replace with any other battery
2. Use only the supplied charger to charge the analyzer
3. Do not use the analyzer near water or in high moisture place
4. There are no user serviceable parts inside the analyzer, do not open the chassis
5. Do not place the analyzer under direct sun shine, use it at high temperature or nearby flammable gas

### Calibration

This analyzer has been factory calibrated and can be used immediately. No further calibration is needed during normal use. Calibration is considered necessary only if the readings are in doubt.

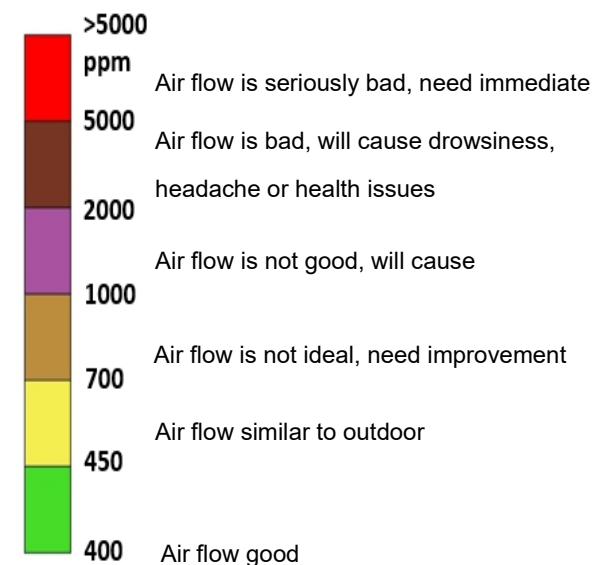
To calibrate: set the analyzer in an open and free air flow outdoor area and follow the below steps.

1. Turn on the analyzer and let it work for 10 mins.
2. Select “calibration” in set menu, then press left or right key.

The analyzer will enter a 10 min calibration mode. Do not interrupt and come close to the analyzer, it will automatically resume normal working.

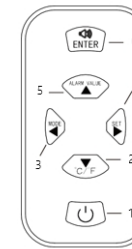
(Note: Temperature and humidity sensor do not need any calibration.)

### CO<sub>2</sub> Concentration Indication





### Key Functions



- ⑥ Enter / Alarm ON-OFF
- ⑤ Alarm Setting / UP
- ④ Set / Right
- ③ Mode / Left
- ② C or F / Down
- ① ON/OFF / Disconnect PC

### E File Export

### D Graphic Record

### A Main Display

### B Data Records

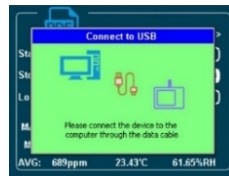
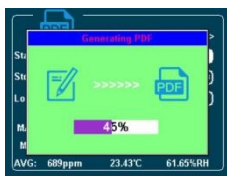
### C Setting

#### D. Graphic Record

Press ③ key once to see recorded data graph (if data recording is set)

#### E. File Export (PDF file)/Format Storage

1. Press ③ key two times at main display to enter the file export menu. Press ② key to select "Export PDF", press ⑥ key to confirm. The analyzer will save the data in a PDF file.



2. Connect the analyzer to the computer with a USB cable. Press ② key to select "connect to USB", then press ⑥ to confirm. The computer will show CO2 meter "save", open "save" and copy the recorded PDF file. Press the Power key to disconnect, → press ⑥ key to "SHIFT" → press ③ key to return to main display.

3. Format Storage, press ② key to select "Formatted Disk", then press ⑥ key, the following menu would show, press ③ key to format or ④ to exit without formatting.



#### A. Measurement (Main Display) Press:

- ② key to change temperature display in C / F
- ⑥ key to switch CO2 alarm ON / OFF
- ⑤ key to open CO2 alarm setting menu, press ③ or ④ key and ② or ⑤ key to change CO2 alarm value, press ⑥ key to finish and return to main display



#### B. Data Records

Press ④ key to enter Data Record menu, press ⑥ key to display data pages, press corresponding ② to ⑤ keys to go to different data page to view records, press ⑥ key after finish to return to main display.

<Records>		
NO	001	002
Date	2020/01/08	2020/01/08
Time	16:01:10	16:00:40
CO2	789	754
Temp	33.36	35.79
RH	76.81	78.41

#### C. Setting

Settings	Parameters	Method
OFF Backlight	OFF/1/5/10/30/60 Mins (OFF means backlight always ON)	Press ③/④
Record Interval	Update interval OFF 5 S 10S 30S 1 M 5 M 10M 30M	Press ② / ③ / ④ / ⑤ to select, press ⑥ to exit
Brightness	25/50/75/100%	Press ③/④
Data Clear	YES / NO	Press ③/④
MaxMinMode	OFF / ON	Press ③/④
Time&Date (Setting)	Date / Time format: Date: 2020-10-30 Time: 10:01:18	Press ③ / ④ to appropriate digit, press ② / ⑤ keys to adjust, press ⑥ after finish
Auto Shutdown	Off/15/30/45/60mins 1 / 2 / 4 / 8 hours	Press ③/④
Calibration	* Prefer to Calibration section on next page	Press ③ / ④
Reset (Settings)	YES / NO	Press ③ / ④