



# TFA Air CO<sub>2</sub>ntrol 5000 CO<sub>2</sub> Monitor & Logger with Temperature and Humidity

## Product Images



## Short Description

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The display shows the current CO<sub>2</sub> content as well as a graphic history graph for the last 24 hours. It also displays the maximum and minimum values. The monitor also displays current temperature and humidity values on the screen.

## Description

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Monitor indoor air quality and carbon dioxide levels. Displays temperature, relative humidity and CO<sub>2</sub> simultaneously.

With an NDIR (non-dispersive infrared) CO<sub>2</sub> sensor, this unit is stable for long-term monitoring.

## Key Features

- Data Logging to micro SD card (supplied)
- Data saves as CSV with time stamp history for downloading to any spreadsheet programs
- Logger function saves more than 1 million data records
- CO<sub>2</sub> measured value with LED traffic light display
- CO<sub>2</sub> Alarm function
- On screen historical values (minute, hour, day, week)
- Min/Max reading displayed on screen
- USB cable power supply
- Backlight.

## Additional Information

Brand	TFA Dostmann
Explanation	<p><b>CO2 Range</b> 0 to 5000 ppm <b>Display Resolution</b> 1ppm (0-1000); 5ppm (1000-2000); 10ppm (&gt;2000) <b>Accuracy Over 3000 ppm</b> ±7% of reading <b>Warm up</b> &lt;30 seconds <b>Temperature Range</b> 0 to 50°C (32 to 122°F) <b>Warm up</b> 20 Minutes (63%) <b>Resolution</b> 0.1°C (0.1°F) <b>Humidity Range</b> 5 to 95% RH <b>Resolution</b> 1%</p> <p>It seems obvious that breathing good air would be healthier. Did you know higher levels of CO2 can often cause headaches, dizziness, concentration and long-term fatigue. If you suffer from these you may have excessively high concentration of carbon dioxide in your home or work place. For areas that have higher than average levels you may consider introducing plants that help to improve the balance between oxygen and carbon dioxide.</p> <p>With this CO2 desktop unit you can monitor how polluted the air is in any area at home or work. A coloured traffic light display allows the CO2 values to be interpreted at a glance and changes from green to yellow to red depending on the air quality and the setting of the limit values. If a specified maximum value is exceeded, an acoustic signal can also warn of an excessively high CO2 concentration.</p> <p>This unit has a built in data logger function via SD card. In addition to the CO2 content, the device measures the temperature and humidity of the environment records the date and time.</p> <p>This extensive logger function enables over 1 million data records (CO2 / humidity / temperature with date and time) to be saved on the supplied micro SD card as a CSV file. The standard measuring interval of five seconds can be adjusted individually to: 5/30/60/300/600 seconds. The saved data can then be evaluated quickly and easily using any spreadsheet program. This station is supplied with power via a power pack included in the scope of delivery via a USB cable.</p>
Ideal For	Professional, Education, Amateur, Interested
Measurements	Air Quality, CO2, Humidity, Temperature
Typical applications	Environmental (Indoor), HVAC
Power	USB Cable Power Supply