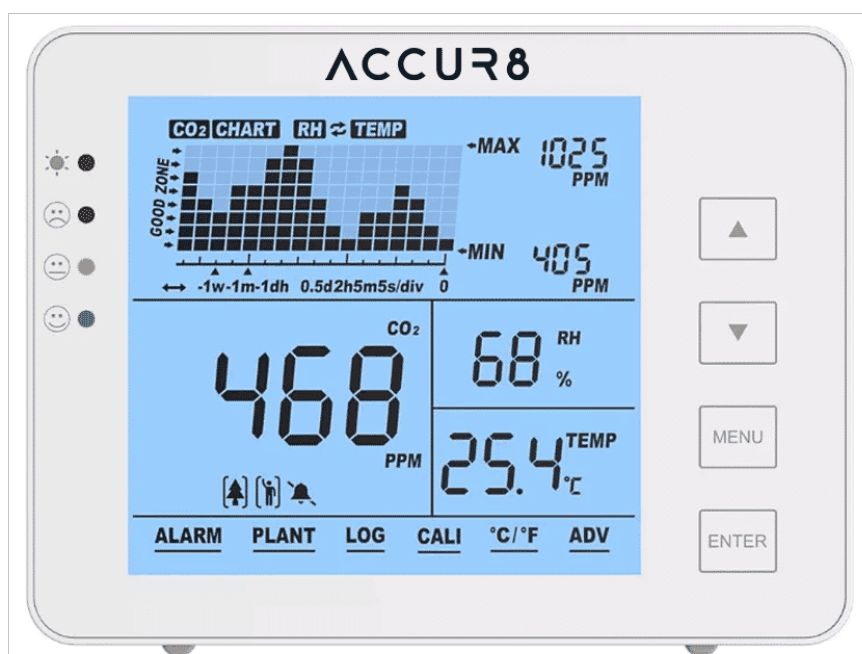Call our friendly team on
01243 558280

Weather Shop
Ford Lane Business Park
Ford, West Sussex
BN18 0UZ
www.weathershop.co.uk

ACCUR8 CO2-5000 CO2 Monitor incl. Temperature & Humidity - Desk or Wall Mounted

Product Images

Short Description

Monitor indoor air quality and carbon dioxide levels. Displays temperature, relative humidity and CO_2 simultaneously.

https://www.weathershop.co.uk/co2-monitor-desk-or-wall-mounted-temperature-and-relative-humidity-a8-co2-5000   17/05/2024

With an NDIR (non-dispersive infrared) CO_2 sensor, this unit is stable for long-term monitoring.

Key Features

- Large LCD screen
- Three-level indoor air quality indicating system Good, Normal, Poor
- Audible and visual CO2 alarms with adjustable alarm set point
- Plant/Human mode
- On-Screen History Trend Chart and 7 Day Logging
- Min/Max Readings Displayed On Screen
- USB Cable Power Supply
- Backlight.

Description

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.

With the ACCUR8 CO2-5000 CO2 monitor from Tempcon you can monitor how polluted the air is in the areas you and your family or colleagues work. The CO2-5000 comes with an audible alarm that can be set to warn you when the oxygen levels drop to a certain point allowing you to open a window or door to raise the levels back again.

The display shows the current CO2 content as well as a graphic history graph for up to 7 days. It also displays the maximum and minimum values. The monitor also displays current temperature and humidity values on the screen.

This desk or wall mounted unit is a simple solution ideal for school, home or work environments that once set will remind you to ventilate, when required and improve both your concentration levels and well-being.

A traffic light display on the left of the screen also allows the CO2 values to be interpreted at a glance as they change from green to yellow to red depending on the air quality and the setting of the limit values. If a specified maximum value is reached, the alarm can also warn of the excessively high CO2 concentration.

Additional Information

Brand	ACCUR8
Contents	CO2 Monitor Unit USB Cable for power (standard USB power adaptor plug required) User Manual
Explanation	**Measurement Specifications** Operating Temperature 0°C to 50°C Storage Temperature -20°C to 60°C Operating & Storage RH 0-95%, non-condensing **CO2 Measurement** Accuracy at 0~3000ppm ±50ppm or ±5% of reading, whichever is greater Accuracy over 3000ppm ±7% Repeatability 20ppm at 400ppm (standard dev. of 10 readings in 1 minute) Measurement Range 0-5000ppm Display Resolution 1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000) Response Time <2min for 63% of step change or <4.6min for 90% step change Warm-up Time <20 sec **Temperature Measurement** Operating Temperature 0°C to 50°C Display Resolution 0.1°C Response Time <20min (63%) **Humidity Measurement** Range 5-95% Accuracy ±5% Resolution 1% on Main Reading, 0.1% on Max Min Reading Power Requirements 160mA Peak, 40mA average at 5.0V Dimension 120 x 90 x 35mm Weight 170g Device only
Ideal For	Professional, Education, Amateur, Interested
Measurements	Air Quality, CO2, Humidity, Temperature
Typical applications	Environmental (Indoor), HVAC, Thermal Comfort
Power	USB Cable Power Supply

https://www.weathershop.co.uk/co2-monitor-desk-or-wall-mounted-temperature-and-relative-humidity-a8-co2-5000   17/05/2024