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ACCUR8 CO2-6000 CO2 Monitor with Data Logging incl. Temperature & Humidity - Desk or Wall Mounted

Product Images



Short Description

Monitor indoor air quality and carbon dioxide levels. Displays temperature, relative humidity and CO₂ simultaneously.

With an NDIR (non-dispersive infrared) CO₂ sensor, this unit is stable for long-term monitoring.

Data can be downloaded to PC via a USB cable in CSV format for data monitoring and analysis.

Key Features

- Data Logging for 800 days at 15 minute intervals
- Export data to CSV file via USB
- Three-level indoor air quality indicating system Good, Normal, Poor
- Audible and visual CO2 alarms
- Plant/Human mode
- 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 CO2-6000 CO2 monitor from Tempcon you can monitor how polluted the air is in the areas you and your family or colleagues work. The CO2-6000 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 in addition to 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	<p>CO2 Measurement Measurement Range 0-5000ppm Display Resolution 1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000) Accuracy at 0 - 3000 ppm ±50pp ±5% of reading Accuracy Over 3000 ppm ±7% of reading Repeatability 20ppm at 400ppm (standard dev. of 10 readings in 1 minute) Temp Dependence ±0.2% of reading per °C or ±2ppm per °C, whichever is greater, referenced to 25°C Response Time <2min for 63% of step change or <4.6min for 90% step change Warm-up Time <20 sec</p> <p>Temperature Measurement Operating Temperature 0°C to 50°C (32°F to 122°F) Display Resolution 0.1°C (0.1°F) Response Time <20min(63%)</p> <p>RH Measurement Range 5-95% Accuracy ±5% Resolution 1% on Main Reading, 0.1% on Max Min Reading</p> <p>Data Logging Logging Period Continuous logging for 800 days Logging Increments Every 15 minutes Connection Download via USB cable to CSV file for use with any spreadsheet software</p>
Ideal For	Professional, Education, Amateur, Interested
Measurements	Air Quality, CO2, Humidity, Temperature
Typical applications	Environmental (Indoor), HVAC, Thermal Comfort
Power	USB Cable Power Supply
Software	Download and export to CSV function