LogiLink®

Indoor Air Quality Monitor CO$_2$ Alarm

Art. No.: SC0115

| CO$_2$ | Humidity | Temperature | Alarm | 3 State Indication | Touch Buttons |

Create A Healthier Indoor Environment

Indoor Air Quality Monitor CO2 Alarm is your best air quality detection solution. Easy to use real-time monitoring and tracking of air quality, temperature and humidity in the environment you are in. With the easy-to-read display, it intuitivley simplifies data readings, thus improving indoor air quality. Perfect for home, schools, offices, hotels and anywhere high levels of carbon dioxide are generated.

SC0115

RoHS compliant

CE

*The specifications and pictures are subject to change without prior notice.
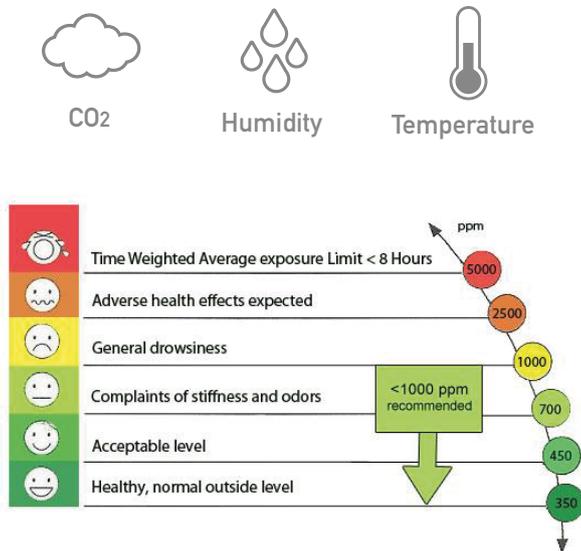*All trade names referenced are the registered trademarks of their respective owners.

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Easy to Read, Easy to Control

Super large LCD to monitor CO_2 concentration (5000 ppm range), temperature and humidity simultaneously. Avoid home or health problems and tip you off to potential sources.

Highly Accurate & Consistent

This detector with a non-dispersive infrared sensor (or NDIR sensor) is a simple spectroscopic sensor often used as a gas detector. Easily track CO_2 for improved health, productivity and overall well-being.

Always Stay Informed

Receive audible and visual alarms when concentration levels go above or below the desired setting. The visual alarm LED indicator displays real-time air quality levels (green=good, yellow=caution, red=bad).

Customized Alarm Notifications

There are two CO_2 detection modes: Human mode detects whether you are in a healthy environment; Plant mode has 9 different customized CO_2 detection ranges corresponding to different vegetable and fruit growth conditions. You can customize the detection range based on your needs.
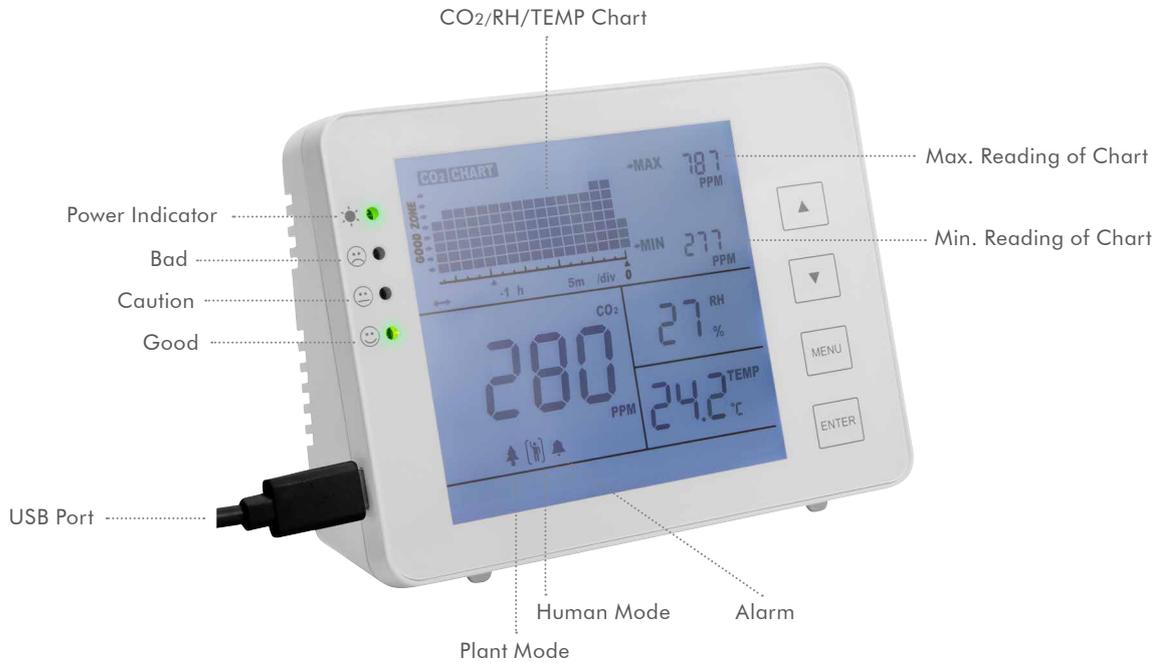
Helpful Data History Monitoring

Built-in data logger enables data review of CO_2 concentration, temperature and humidity during week, day, hour and minute intervals. Ideal for detailed management of your environment.

Put it on your desk or mount to the wall!

Power Indicator

Bad

Caution

Good

USB Port

CO₂/RH/TEMP Chart

Max. Reading of Chart

Min. Reading of Chart

Human Mode

Alarm

Plant Mode

Specification:

Measurement	
Operating Temperature	0–50 °C
Storage Temperature	-20–60 °C
Operating & Storage RH	0–95 %, non-condensing
CO₂ Measurement	
Measurement Range	0-5000 ppm
Display Resolution	1 ppm (0-1000); 5 ppm (1000-2000); 10 ppm (>2000)
Accuracy at 0~3000 ppm	±50 pp ±5 % of reading
Accuracy over 3000 ppm	±7 % of the reading
Repeatability	20 ppm at 400 ppm (standard dev. of 10 readings in 1 minute)
Temp Dependence	±0.2 % of reading per °C or ±2 ppm per °C, whichever is greater, referenced to 25 °C
Response Time	<2 min for 63 % of step change or <4.6 min for 90 % step change
Warm-up Time	<20 sec
Weight	155 g
Temp Measurement	
Operating Temperature	0–50 °C
Display Resolution	0.1 °C
Response Time	<20 min (63 %)
RH Measurement	
Range	5–95 %
Accuracy	±5 %
Resolution	1 % on main reading, 0.1 % on Max/Min reading
Power Requirements	160 mA Peak, 40 mA average at 5.0 V
Dimensions	12x9x3.5 cm
Weight	170 g (device only)

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Package Contents:
» 1x Indoor Air Quality Monitor
» 1x USB Cable
» 1x User Manual

Package Information:
» Packing Dimension: 123x110x65 mm
» Packing Weight: 0.272 kg
» Carton Dimension: 360x590x320 mm
» Carton Q'ty: 50 pcs
» Carton Weight: 14.9 kg

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