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**MC6000**

# **Indoor Air Quality Alert System**

Reliable measurement.

Simple traffic light principle.

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**Indoor air quality  
measurement: a strategy  
recommended by scientists  
and many EU governments for  
protection against SARS CoV-2.**

# MC6000

## Indoor Air Quality Alert System

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- **Reliable measurement of carbon dioxide (CO<sub>2</sub>)**
- **Simple traffic light principle**
- **Technology made in Italy**

Carbon dioxide content is an important measurement for the quality of indoor air. Air that is high in CO<sub>2</sub> has the potential to contain SARS CoV-2 particles. The MC6000 device can help determine how many aerosols or small particles are in the room and may contain SARS CoV-2.

### **Multiple measurements. Reliable result.**

The MC6000 consists of a laser sensor for CO<sub>2</sub> which guarantees a particularly precise measurement result.

The CO<sub>2</sub> concentration inside a room comes from exhaled air. On average, a human being exhales 8 litres of air per minute. This air contains approximately 4% of CO<sub>2</sub> and tiny droplets of liquid, or aerosols. These aerosols can float in the air for a long time and may contain SARS CoV-2 viral particles.

## **Compliance with regulation guidelines of major EU countries. Automatically.**

According to special SARS CoV-2 regulation guidelines of a number of EU countries, including Germany, a CO<sub>2</sub> concentration below 1000 ppm (parts per million) is considered harmless; between 1000 and 2000 ppm is suspect; and a value above 2000 is classified unacceptable.

MC6000 measures these values of indoor air and translates them into three colour signals.

## **Traffic light principle. Simple light signals. Simple rules.**

According to the traffic light principle, the integrated LEDs of the MC6000 light up as green, yellow or red depending on the result of the measured value.

If the light is green, the air is compliant. If the light is yellow, it's time to ventilate the room. If the signal is red, the measured values are above the recommended maximum level and it is time to leave the room.

## **Mobile. Always on.**

The MC6000 indoor air quality alert system can be used as a mobile device. Powered by rechargeable batteries, it works for up to 16 hours.

## **Good feeling. Better business.**

With the MC6000 indoor air quality alert system, you always have an eye on the quality of the air in your environment so that you can relax and enjoy being with friends and family, colleagues and clients.

What are the main advantages of the MC6000 over technically comparable and app controlled products?

## **Immediately operational.**

The MC6000 indoor air quality alert system is immediately operational. There is no app necessary.

## **Maximum transparency for the customer.**

Simple LED signals based on the traffic light principle ensure a maximum of transparency. The values measured through an app may not be read accurately or may be misinterpreted.

## Technical data

<b>Dimensions:</b>	Diameter 75mm Height 200mm
<b>Weight:</b>	450g
<b>Material:</b>	Acrylic glass and aluminum
<b>Power supply:</b>	1800mAh Li-ion battery, rechargeable via USB cable, switch located on base of device
<b>Battery:</b>	Approximately 16 hours per charge
<b>Sensor:</b>	Air quality measurement; accuracy of CO <sub>2</sub> concentration measurement: approximately 10%
<b>Indicator lights:</b>	
<b>White:</b>	The device is off and charging.
<b>Flashing green:</b>	The device is warming up (about 40 sec).
<b>Green:</b>	Good air quality (CO <sub>2</sub> concentration below 1000 ppm)
<b>Yellow:</b>	Suspicious air quality (CO <sub>2</sub> concentration between 1000 and 2000 ppm). It is recommended to ventilate the room.
<b>Flashing red:</b>	Unacceptable indoor air quality. (CO <sub>2</sub> concentration above 2000 ppm). It is recommended to leave the room.

# Innovation and Quality. Made in Italy.

MC6000 is CE-certified and the device is produced in Italy. The devices are calibratable.

**For more safety. Everywhere people come together.**

Schools

Offices

Cafes and restaurants

Nursery schools

Doctors' offices

Supermarkets

Hairdressers and cosmetic salons

## References and further information:

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