

 PURIFY

M101

CO₂ Monitoring

The quality of the air we breathe is an issue to which we must pay increasing attention. Air contains Co₂, but an excess concentration of Co₂ in our environment can impair lung capacity. As Co₂ increases, the oxygen supply in our blood decreases.

As the percentage of Co₂ in the ambient air increases, the body's difficulty in breathing increases, leading to symptoms such as headaches, impaired hearing, increased blood pressure and even more serious situations such as intoxication and unconsciousness.

A high concentration of Co₂ in the environment also indicates overcrowding and insufficient air recirculation. This is indirectly linked to the possibility of increased transmissibility of viruses and bacteria. Keeping a close eye on the quality of the air we breathe and ensuring that the Co₂ present in the environment where we live, work, study does not exceed the alert level is crucial for our well-being and that of our loved ones.



CONTROL
THE **QUALITY**
OF THE **AIR** YOU **BREATHE**

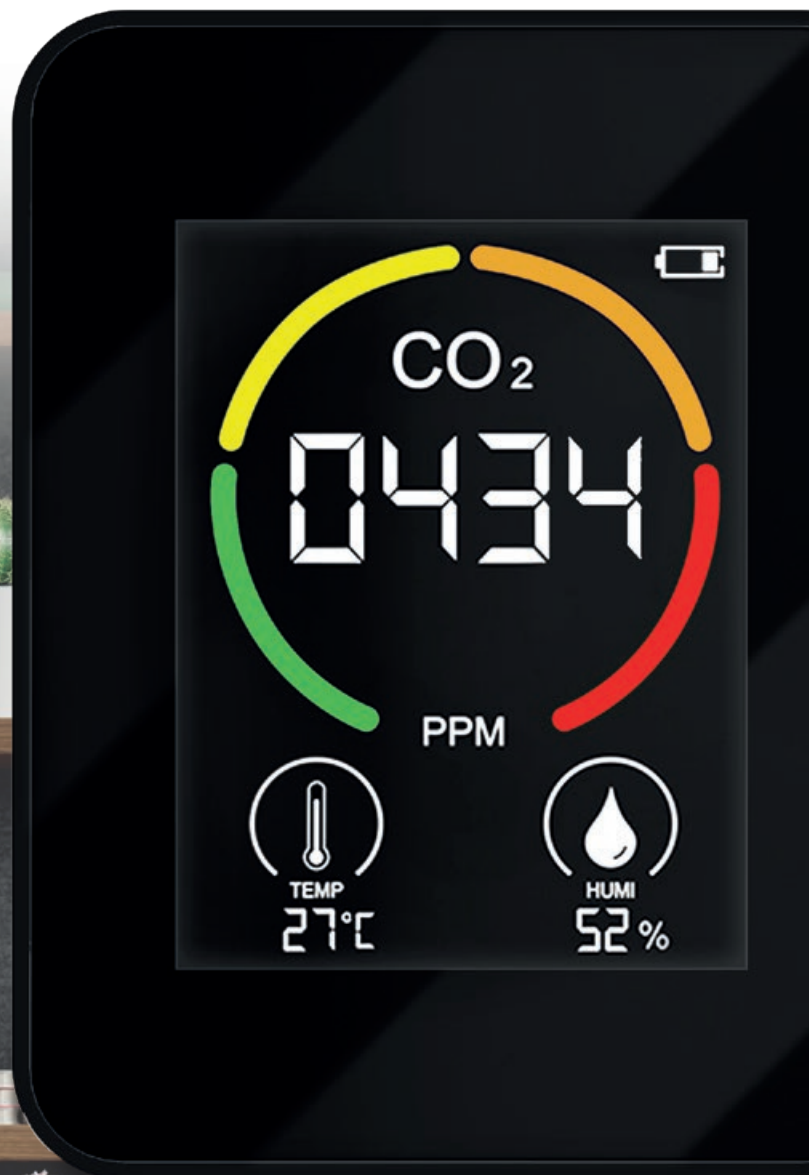
Product Code
PY-M101-B

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- Airborne Co2 measurement
- Continuous monitoring of air quality
- High-sensitivity infrared sensor infrared sensor with NDIR technology (Non Dispersive InfraRed)
- Quantitative and qualitative indicator of Co2
- Acoustic and visual alarm
- Temperature indicator
- Humidity indicator
- Wall mounting bracket
- Includes lithium battery
- Can work 24/24 connected to the mains socket

powered by
 Atlantis



TECHNICAL DATA

Co ₂ detection range	400 ~ 5000 PPM
Co ₂ sensing sensitivity	1 PPM
Co ₂ sensing accuracy	±50 PPM+5% of the reading value
Temperature sensing range	0°C ~ 50°C
Temperature sensing accuracy	1°C
Humidity sensing range	0 ~ 99%RH
Humidity sensing accuracy	±5%RH
Battery life in operation	6/8 h
Battery type	Rechargeable battery lithium-ion ICR18650 1200mAh
Capacity	3,7V / 1,2Ah (4,4Wh)
Charging time	~ 120 minutes (with 0,6A)
Working temperature	from -5 °C to 45 °C
Charging temperature	from 0°C to 45°C (recommended 20°C±5°C)
Charging voltage	5,0 V CC ± 5% / 1,0 A (Type C to USB)

Misurazione Co2

Code: PY-M101-B

EAN: 8057714280183

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