

Laserliner

AirMonitor FRESH



VOC measuring device for detecting and evaluating the concentration of volatile organic compounds with ventilation recommendation, eCO₂ concentration, humidity, temperature and time displays

This VOC measuring device has an extremely accurate sensor manufactured by the Swiss company Sensirion. It determines and evaluates the concentration of volatile organic compounds (VOCs). The product's display includes the calculated eCO₂ content, humidity, temperature and time. At high concentrations of VOCs and eCO₂ which have a negative effect on well-being and health, the user receives a ventilation recommendation in the form of a numerical display, an optical signal, and a switchable acoustic signal. This provides effective health protection against VOC exposure in indoor atmospheres such as when using cleaning products, varnishes, paints and synthetic materials, or when painting or sanding. Low concentrations of VOCs and eCO₂, and therefore high indoor air quality, are indicated by an easy-to-interpret symbol. The device also permanently displays the time and temperature. A warning of too high or too low humidity ensures the room climate is well-balanced and extremely comfortable and also avoids damage caused by moisture. The device is easy to use, has an attractive appearance, and includes a dimmable display using the night mode button. Application areas include residential buildings, offices, kindergartens, schools and public buildings.



VOC

CO₂

TECHNICAL SPECIFICATIONS

MEASURED VARIABLE	Humidity Ambient temperature VOC concentration eCO ₂ concentration
FEATURES	Real-time clock eCO ₂ alarm VOC alarm
MEASURING RANGE AMBIENT TEMPERATURE	-9,9°C ... 50°C
ACCURACY AMBIENT TEMPERATURE	± 1°C
MEASURING RANGE HUMIDITY (RELATIVE)	1% ... 99%
ACCURACY (ABSOLUTE) HUMIDITY (RELATIVE)	± 3% (30% ... 70%) ± 5% (0% ... 30%, 70% ... 100%)
SENSOR TYPE	Multi-pixel gas sensor
POWER SOURCE	Power adapter 5VDC / 1A
UNIT OF MEASUREMENT	ppm ppb
DIMENSIONS (W X H X D)	90 mm x 91 mm x 33 mm
WEIGHT	126 g (without power supply)

