

CO

CO₂

NO

NO₂

VOC

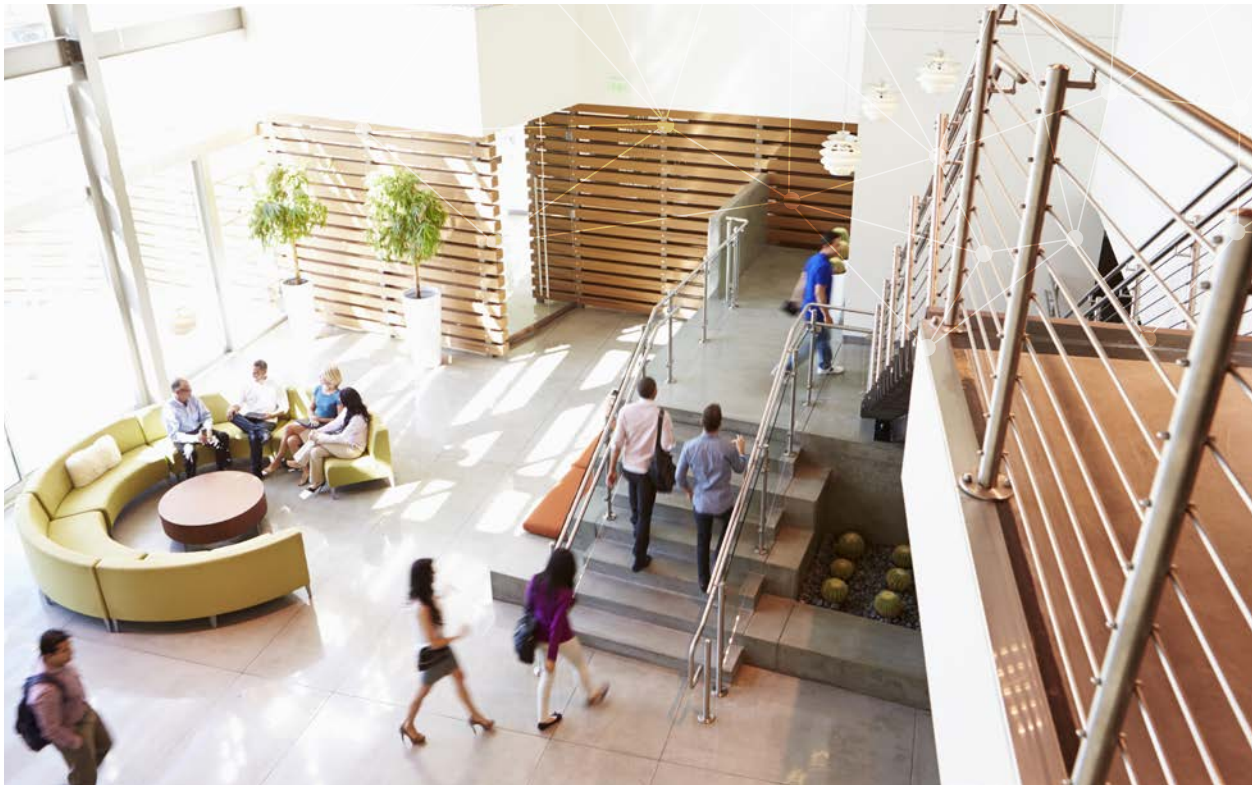
SO₂



INDOOR AIR QUALITY MONITORS

Sauermann Portable Indoor Air Quality Monitoring System





Indoor air quality monitors

Sauermann Portable Indoor Air Quality Monitoring System

The Sauermann Group has developed a series of four different portable indoor air quality monitoring instruments that offer all the functionality a professional air quality technician needs.

- **Si-AQ Comfort:** Entry-level model IAQ monitor for measurement of CO₂, CO, temperature and relative humidity IAQ
- **Si-AQ VOC:** Expandable, handheld monitor for detection of Volatile Organic Compounds (VOCs) and harmful gasses
- **Si-AQ Expert:** Portable IAQ Monitor with up to 7 gases sensors for testing indoor air quality in warehouses, office buildings, and other industrial settings
- **Si-AQ Pro:** Handheld instrument for testing indoor air quality in homes, offices and other light industrial settings



Si-AQ monitors



3



**REAL-TIME Continuous
Data Logging**



**Wireless Communications
with Bluetooth®**



**Active Internal Sampling
Pump**



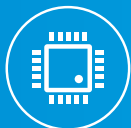
**PC Software and
USB Included**



Barometric Air Pressure



**Light Weight, Durable and
Easy-to-Transport Design**



Large Internal Memory



Li-Ion Rechargeable Battery



Easy to Use Menu System



Show: 12 Statistics 1" Allow						
	Current	Min	Avg	SD	Max	Units
T Ambient	78.2	78.1	78.39	0.1	79.5	F
T1	NA	No Cal	No Cal	NA	NA	F
T2	NA	No Cal	No Cal	NA	NA	F
O2	0.1	0.1	0.1	0.	0.1	%
CO	0	0	0.	0.	0	PPM
CO2	562	471	566.77	20.2	598	PPM
NO	0	0	0.	0.	0	PPM
NO2	0	0	0.	0.	0	PPM
NOx	0	0	0.	0.	0	PPM
PM10	0	0	0.	0.	0	PPM
PM2.5	998	998	998.	0.	998	mbars
WBT	53.1	52.6	52.9	0.2	53.5	%
DPI	59.7	59.5	59.7	0.1	60.1	F
WBT	66.3	66.2	66.32	0.1	66.6	F
OS	0	0	0.	0.	0	PPM
VOCs	0	0	0.	0.	0	PPM



Si-AQ PC Software

PC software

- Real-time continuous data logging for graphs, maximum, minimum, average for all Indoor Air Quality parameters
- Alarms settings for every air quality parameter including recording the time duration that alarms have been exceeded
- Variety of saving and printing options
- Wireless communications with Bluetooth®

Technical information

Si-AQ monitors



Si-AQ Comfort



Si-AQ Pro



Si-AQ VOC



Si-AQ Expert

% Relative Humidity, Dew Point, Wet Bulb	Optional	✓	✓	✓
Ambient Temperature Measurement	✓	✓	✓	✓
Differential Pressure Measurement	✓	✓	✓	✓
Barometric Pressure Measurement	Optional	✓	✓	✓
Real-Time Data Logging Software	Optional	✓	✓	✓
Continuous Sampling Pump	✓	✓	✓	✓
Internal Memory	2,000 Tests	2,000 Tests	2,000 Tests	2,000 Tests
Wireless Bluetooth® Printer	Optional	Optional	Optional	Optional

Gas Sensor Options

Upgradeable: Includes Up to Three (3) Gas Sensors	-	✓	✓	-
Upgradeable: Includes Up to Seven (7) Gas Sensors	-	-	-	✓
O ₂ (0 - 25 %)	-	Optional	Optional	Optional
CO ₂ (0 - 5,000 ppm)	✓	Optional	Optional	Optional
CO (0 - 200 ppm)	Optional	Optional	Optional	Optional
H ₂ S (0 - 100 ppm)	-	Optional	Optional	Optional
TVOC's (0 - 20,00 ppb OR 0 - 200 ppm)	-	-	✓	Optional
Formaldehyde (0 - 10,000 ppb)	-	Optional	Optional	Optional
NO (0 - 250 ppm)	-	Optional	Optional	Optional
NO ₂ (0 - 20 ppm)	-	Optional	Optional	Optional
SO ₂ (0 - 20 ppm)	-	Optional	Optional	Optional
O ₃ (Ozone: 0 - 5 ppm)	-	-	-	Optional

* CO, CO₂, Temp
& %RH Only

* Add Up to 3
Gas Sensors

* TVOC Sensor
Included, Add Up
to 2 More Gas
Sensors

* Add Up to 7 To-
tal Gas Sensors

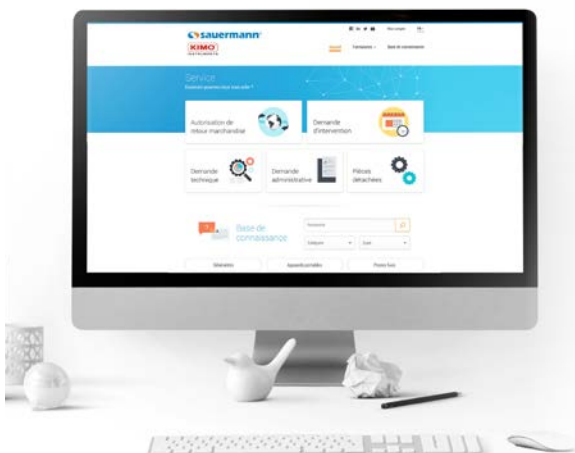
No matter what industry you work in, Sauermann IAQ Monitors deliver the data you need to get the job done:

- Industrial Hygiene
- Environmental Health and Safety (EH&S)
- Indoor Air Quality Specialists
- Universities
- Laboratory and Research
- Incubators
- Volatile Organic Gases (VOC) Monitoring
- Medical and Hospitals
- Mining/Confined Spaces
- Warehouse Safety
- Optimization: Emissions and Air Quality Issues
- Greenhouses
- Building Inspections/Architect/Building Development
- Energy Auditing
- Fugitive Emissions
- General IAQ



Services

Calibration / Hotline / Maintenance



Customer service portal

For any repair, calibration or device feedback requests, log in to our Customer Service Portal.



Accessible
24/7



Fast and
easy-to-use



Follow-up in
real time

<http://sauermann-en.custhelp.com>



To complement our range of measuring instruments, a team of more than 40 people offers a wide range of services, such as calibration and adjustments, after-sales support, hotline, on-site services and training.

Our team of experts will accompany you throughout your project and will adapt to your needs thanks to more than 40 years of experience and our sophisticated laboratory equipment.



Calibration and
adjustments



After-sales
services



Hotline



On-site services



Training

Our laboratories, spanning over 1,500 m², allow us to offer you all kinds of metrological services related to:

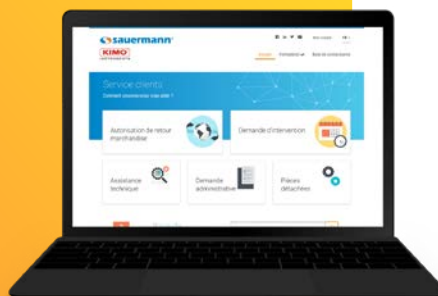
- Temperature
- Humidity
- Air velocity
- Air flow
- Pressure
- Combustion
- Weighing
- Radiometry
- Tachometry
- Light measurement
- Electrical current



Manufacturer of innovative solutions
for the measurement and control of
indoor air quality.

Customer service portal
Use our customer service portal
to contact us.

<http://sauermann-en.custhelp.com>



**Accredited temperature laboratory
as per ISO 17025 standard**

Sauermann can perform COFRAC calibrations on any type of thermometer (measuring chain, Pt100, thermocouple, etc.) within a range from -70 to +200°C in thermostatic chambers and in baths.



**Accredited hygrometry laboratory
as per ISO 17025 standard**

Sauermann can perform COFRAC calibrations on any type of hygrometer within a range from 10 to 95 %RH, for a dry temperature from +10 to +50°C.



More information
www.sauermanngroup.com



Sauermann Industrie S.A.S
ZA Bernard Moulinet - Rue Koufra
24700 Montpon-Ménestérol - France

+33 (0)5 53 80 85 00
services@sauermanngroup.com