

OUR APPLICATIONS

Our products cover most of the needs related to air quality measurement. They can be deployed in various scenarios.



ACCURATE AND RELIABLE

The performance of our formaldehyde measuring technology has been verified by LNE (National Laboratory of Metrology and Testing). The other sensors integrated in our stations are all first validated in our own laboratories before launching.



SIMPLE AND FAST

Our tools and software are designed to be intuitive and user-friendly. The time saved in setting up stations and retrieving data will allow you to focus on tasks with higher added value.



ECONOMICAL

Ethera's goal has always been to make air quality measurement solutions more accessible to the public. To achieve this, our R&D teams have been working for more than 10 years to offer innovative, highly performing products at a cost lower than most existing solutions on the market.

Download our full catalogue here!



Designed and manufactured in France



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Solutions for
Air Quality Measurement



STATIONS

NEMo: simple, highly accurate indoor air diagnosis



Use: punctual diagnosis of indoor air (schools, offices...) and environments with specific pollutions (industries).

Default parameters: Formaldehyde, CO₂, Light VOC, Temperature, Relative Humidity, Pressure.

Modularity: 2 to 4 additional parameters

NEMo XT: multipurpose monitor featuring Ethers's technology



Use: permanent monitoring of indoor air (schools, offices...) and environments with specific pollutions (industries).

Default parameters: Formaldehyde, CO₂, Light VOC, Temperature, Relative Humidity, Pressure.

Modularity: 2 to 4 additional parameters

NEMo XT mini: our simplest IAQ monitor



Use: permanent monitoring of indoor air quality (schools, offices, commercial buildings...) allowing to manage smart buildings at limited costs.

Default parameters: CO₂, VOC, Light, Temperature, Relative Humidity, Pressure. Optional: Particulate Matter, Noise...

NEMo Outdoor: autonomous and multi-sensor



Use: punctual diagnosis or permanent monitoring of ambient air.
Configuration 1: PM 1/2.5/10, NO₂, O₃, Light VOC, Temperature, Relative Humidity, Pressure.

Configuration 2: 3 to 4 parameters of your choice, Light VOC, Temperature, Relative Humidity, Pressure.

NEMo TC: best tool to manage indoor pool air quality



Use: punctual diagnosis of indoor swimming pool air

Default parameters: Trichloramine, CO₂, Light VOC, Temperature, Relative Humidity, Pressure.

Modularity: 2 to 4 additional parameters

NEMo XT TC: manage pool air quality to protect the employees

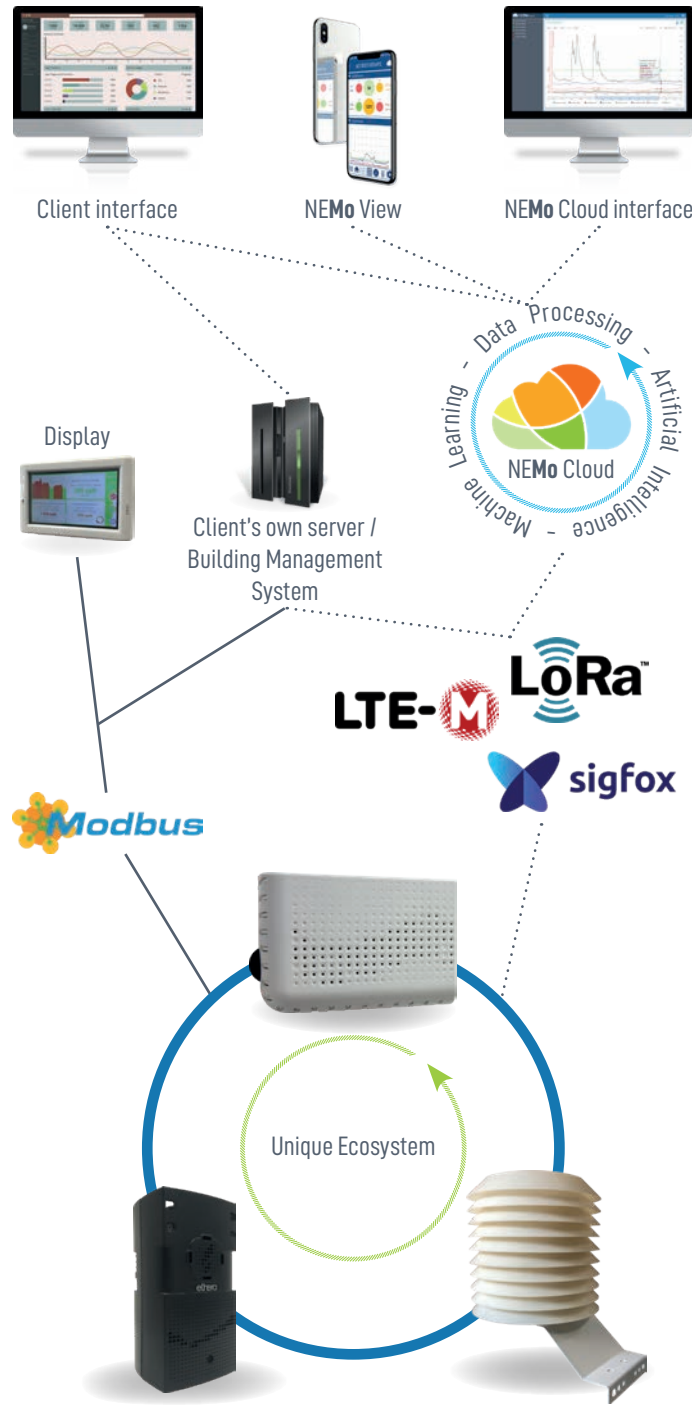


Use: permanent monitoring of indoor swimming pool air

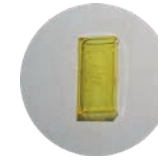
Default parameters: Trichloramine, CO₂, Light VOC, Temperature, Relative Humidity, Pressure.

Modularity: 2 to 4 additional parameters

COMPLETE ECOSYSTEM



UNIQUE TECHNOLOGY



The Ethers Technology is the result yielded from 10 years of researches in a CEA/CNRS laboratory

Our **nano-porous materials change colour when exposed to certain pollutants**, allowing accurate and specific measurement of their concentration in the air.

ADVANTAGES OF OUR TECHNOLOGY

Continuous measurement of specific pollutants (formaldehyde, trichloramine, etc.) directly comparable to the Indoor Air Quality Guidelines (IAQGV) and Occupational Exposure Limits (OEL).

Technology in compliance with the requirements of French decree 2015-1000 (formaldehyde) for the measurement of Indoor Air Quality in child-friendly environments.

Highly accurate method with results comparable to laboratory methods (i.e. chromatography).

Continuous measurement representing the exposure level when people are present in the premises, allowing to **calculate "real" exposure**.

Unique technology enabling **much more reliable diagnosis and monitoring results** than conventional methods.

COMPLETE RANGE

Nano-porous sensors

- Formaldehyde
- Trichloramine



Additional parameters

- Particulate Matter (PM 1/2.5/10)
- VOC (MOS or PID)
- Radon
- Nitrogen Dioxide (NO₂)
- Ozone (O₃)
- Nitric Oxide (NO)
- Hydrogen Sulfide (H₂S)
- Carbon Monoxide (CO)
- Ammonia (NH₃)
- Sulfur Dioxide (SO₂)

Communication solutions

- Modbus
- LTE cat M1
- Sigfox
- LoRa

Related products

- Screen HMI (via Modbus)
- Carrying case
- Cloud access
- Maintenance