

Genanometer

See the air quality
you breathe

Sensing indoor air quality is instinctive and very individual. When a Genanometer is placed where people are, it makes indoor air quality transparent to everyone.

Clean indoor air is a fundamental right. We spend about 90% of our time indoors and indoor air quality is of great importance to the efficiency and comfort of your day. Genanometer is a measurement system for key indoor air quality factors and an index based on long experience and generally established limit values.



We help you measure indoor air quality on a turnkey basis. Using Genanometer is:

- Cost effective
- Easy
- Visually clear and stylish
- Secure
- And you'll have the key air quality indicators at your disposal

Genano Indoor Air index

A summary of air quality based on Genano's long experience and knowledge as well as global air quality recommendations. All measured values affect the whole, where safety and capacity of the premises, the comfort and the structural needs are taken into account.



What Genanometer tells about air quality?



Temperature

According to the recommendations, the target temperature of the office during wintertime is 21.5 °C and the room-specific adjustability is 20–23 °C. Due to individual differences, only 85 percent are satisfied with even the best thermal conditions.

Humidity

The humidity changes according to seasonal variations and with home activities, i.e. it requires monitoring and balancing. In summertime the air humidity rises sometimes up to 70%. In winter, humidity exceeding RH 45% humidity can already cause mois-

ture damage to structures. Dry air is not harmful to buildings, but people may experience symptoms when the humidity drops below 30%.

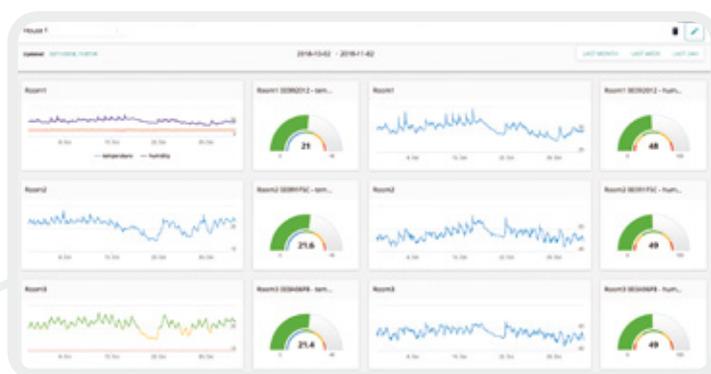
PM Particles

Respirable particles and fine particles are derived from e.g. combustion reactions, traffic, energy and industrial emissions, people, interior materials and dust. Small particles have been found to increase symptoms in children and asthmatics, and hospital admissions as well as mortality of respiratory- and heart patients. Ultra-small PM1 and fine particles (PM2.5) are thought to be the most harmful to health because they travel deeper into the lungs than larger particles.

Carbon dioxide (CO²)

The main sources of indoor carbon dioxide are human breath and outdoor air, where the CO² concentration is about 400 ppm. Too high a concentration of carbon dioxide in the indoor air causes a feeling of stagnation, fatigue and headaches, decreasing in work efficiency and comfort.

Clear interface



Genano offers easy and affordable IoT-solution for measuring indoor air quality from a handset all the way to a clear and easy-to-use user interface. Our service provider offers a simple and flexible method for presenting, controlling, analyzing, and further processing the data.



genano.com