

natéosanté

 **We care for true air**

Professional solutions for indoor air measurement and purification in veterinary clinics



**French
Healthcare**

Association member

The challenges of air quality in veterinary environments



Protecting animals

By **reducing airborne nosocomial and contagious diseases**



Protecting the veterinary team

By **reducing exposure to harmful chemicals and potential infectious risks**



Improving reception and working conditions

By **purifying the air and eliminating undesirable odors** (animals, urine, feces, chemicals, etc.)

Air quality in veterinary clinics is often an underestimated aspect, yet it plays a crucial role in the **health and well-being of animals, staff, and visitors**. Due to the various activities associated with care, **anesthesia, cleaning, and surgical procedures**, numerous **chemical and biological pollutants** are emitted into the air. If these pollutants are not properly controlled, they can lead to **significant health issues** and postoperative complications, thereby affecting the overall performance of the clinic.

Health risks associated with poor air quality



Chemical risks

- **Gas anesthesia:**
 - **Isoflurane:** toxic to reproduction
 - **Halothane:** associated with hepatitis (MP No. 89)
 - **Nitrous oxide:** neurological and hematological toxicity
- **Surgical procedures and electrocautery smoke:** exposure to harmful particles, viruses, and toxins
- **Disinfection and cleaning products:** formaldehyde: carcinogenic effects on humans – decree of July 13, 2006
- **Care products:** antibiotics, tranquilizers, hormones, anti-inflammatories, dewormers, anticancer drugs, etc.
- **Radiology and imaging procedures using older equipment:** hydroquinone in developers (carcinogenic effect)
- **Laboratory activities:** solvents and fixatives containing formaldehyde (carcinogenic)

These chemical risks can lead to:

- **Worsening of respiratory conditions:** feline asthma and chronic bronchitis
- **Postoperative recovery:** prolonged recovery time with an increased risk of complications



Allergic risks

- **Chemical products:** aldehydes, quaternary ammoniums, chlorhexidine, iodine derivatives: allergic dermatoses
- **Hair, dander, saliva from animals:** rhinitis, contact eczema, asthma



Biological risks

- **Risk of exposure to contagious and/or nosocomial diseases:** Staphylococcus aureus, Enterobacteriaceae, canine adenovirus, feline calicivirus, etc. (estimated nosocomial transmission rate between 5% and 8% in veterinary clinics in France)

Designer and manufacturer of indoor air measurement and treatment solutions, NatéoSanté has been supporting veterinary clinics since 2009. Committed to an eco-design approach and local production, NatéoSanté works every day to meet the most demanding specifications. With its ongoing commitment to CSR, NatéoSanté ranks in the top 5% of companies certified Gold by Ecovadis. A member of the French Healthcare Association and France Biotech, NatéoSanté is actively engaged in the prevention of diseases related to air quality by promoting healthy air.



Strong commitments for healthy air



Eco-design

Purifying the air without polluting is one of NatéoSanté's primary commitments, as we aim to minimize the environmental impact of our solutions throughout their life cycle:

- Use of non-emissive, durable materials
- No glue or paint
- No planned obsolescence
- Recycling of components
- Low energy consumption



Safety

Our air treatment solutions purify the air without releasing pollutants. All contaminants are either captured by the filter block or directly destroyed. Safety has been verified through the ETV (Environmental Technology Verification) program, supported by the European Commission and ADEME.



French manufacturing

"All components are produced locally and assembled within 250 km of our headquarters. Each device is individually inspected and calibrated by our technical team before shipping. This French manufacturing reflects our expertise and level of commitment: excellence must be the guiding principle when it comes to health.



Performance guarantee

NatéoSanté is committed to consistently ensuring a high level of quality and reliability over time. This is made possible through rigorous R&D, the selection of high-quality materials, controlled and mastered technology, and recognized French expertise in Medtech.

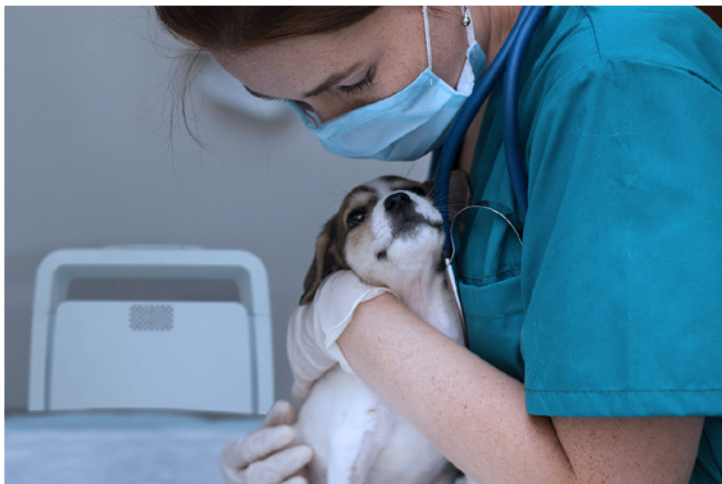


Our solutions for veterinary establishments

Our air purification solutions are recognized for their effectiveness against all types of pollutants to protect everyone's health (chemical pollutants, microorganisms, fine particles, etc.). They effectively prevent airborne contagious or nosocomial diseases.

Indoor air quality display monitor		Mobile and autonomous air treatment units		
Air Coach		Hygeolis	Air Protect	EOLIS Air Manager
Measurement, Display, Analysis		Hygiene, Cleanliness, Portable use	Prevention, Reception, Regulation	Significant Health Issues Occupational Diseases Air and Surfaces (Model S)
Measures pollutants (depending on the model)		Eliminate pollutants		
CO ₂	✓		✓ Measurement	
Fine particles PM1, PM2.5, PM10	✓	+	++++	++++
VOCs (Isoflurane, Halothane...)	✓	+++	++	++++
Formaldehyde	✓	++	++	++++
Viruses - Bacteria		++	+++	++++
Spores - mold		++	+++	++++
Odours		+++	++	++++
		Integrated technologies		
Biocidal pre-filter		✓	✓	✓
HEPA H13 HCR™ Medical quality (44mm thick)		Upon request	✓	✓
Custom filter HEPA H14, ULPA U15, etc		Upon request	Upon request	Upon request
High-Performance Activated Carbon		✓	Upon request	✓
Activatable UV-C Function				✓
Activatable Oxidation Filter Function				✓
Activatable Active Oxygen / O ₃ Function (Air and Surfaces)		✓		✓ (Model S)
		Examples of affected spaces		
• Consultation rooms • Waiting rooms • Break rooms		• Linens rooms • Restrooms • Locker rooms • Technical areas		• Consultation rooms • Waiting rooms • Break rooms
				• Endoscopy • Surgery rooms • Kennels • Intensive care • Laboratories

+: Standard ++: On request, available as an option



EOLIS Air Manager S

Air and surface hygiene through pollutant elimination

EOLIS Air Manager
600S

EOLIS Air Manager
1200S



EOLIS Air Manager is the only intelligent air purifier that deeply eliminates **all pollutants** present in the air and on surfaces, as well as **undesirable odors**, thereby **ensuring optimal comfort for occupants** and **enhancing the establishment's image**.

- **Medical-quality equipment designed to meet demanding professional challenges:** high pollution concentrations and multiple pollutants
- **Unique combination of patented technologies:**
 - Biocidal pre-filter certified ISO18184 and NFG39-011
 - Individually certified HEPA H13 filter EN1822
 - Very high-density activated carbon filter
 - Germicidal UV-C lamps
 - Exclusive Deep Clean function using active oxygen
- **Performance guarantee** throughout the device's lifespan, with measurement of actual filter block wear

- **Ease of use:** real-time visualization of indoor air quality, intuitive touchscreen, automatic mode, scheduler
- **Acoustic comfort** and **low energy consumption**
- **Easy installation:** Plug & Play, mobile unit (trolley) or wall mount
- **Covers up to 120 m²** (depending on the model)

The complete and proven effectiveness of EOLIS Air Manager



99.97% of pollutants captured, including stubborn odors and particles



60% reduction in formaldehyde spikes*



80% improvement in workplace environment compliance*

Formaldehyde is a volatile organic compound commonly found in the **chemical pollutants** of a veterinary clinic, posing **significant health risks**.



*Study conducted in a veterinary clinic with the **installation of the EOLIS Air Manager 1200S** air purifier from NatéoSanté in the surgery room significantly improved indoor air quality.

Air Coach

Measure and anticipate risk situations



- **First indoor air quality monitor** that anticipates critical pollutant levels
- **Real-time educational display** of pollutant concentrations
- **True performance indicator** for air purification systems
- **Notifications with advice** on actions to take to improve indoor air quality
- **Exclusive Health Risk Index (HRI)**
- 3 display modes and light signals
- Connected service package

Air Coach is a **predictive and connected station** that accurately measures indoor air quality, including **CO₂**, **fine particles** (PM1, PM2.5, and PM10), **VOCs**, and **formaldehyde** (depending on the model).



Olivier Gauthier

Veterinary surgeon Professor at Oniris school in Nantes (44)

“Some of our activities can generate VOCs or formaldehyde, which are harmful to health. To ensure hygiene and safety, veterinary clinics must constantly adapt their best practices. The Air Coach air quality measurement device from NatéoSanté can be a **true tool for evaluating, controlling, and providing educational support for their implementation.**”



Hygeolis

Purify small spaces and eliminate odours



- Exclusive **Clean Booster function 30 minutes** of controlled active oxygen for deep air and surface hygiene in record time
- Effectively eliminates odors **without fragrances or chemicals**
- Compact and plug & play
- **Wall-mounted or portable use**
- Available in 12V (for vehicles) or 220V
- HEPA H13 filter certified EN1822 (available on request)
- **Covers up to 30 m²**

