

DESIGN®
FROM
FINLAND



SUPERIOR NANO-SCALE TECHNOLOGY FOR AIR DECONTAMINATION



- ◆ Proprietary Patented Technology
- ◆ Operations in Over 50 Countries
- ◆ More Than 15,000 Installations Worldwide

Where
HEPA is not
enough

Genano technology has been tested by Research Institutes :



Infection Prevention and Control

“Prevention is better than cure” is a widely recognized proverb that emphasizes the importance of preventing infections to avoid suffering, pain, and financial losses. Infections occur when pathogens like bacteria, viruses, fungi, or parasites invade the body, leading to harm through complex interactions with the immune system.

Organizations like the World Health Organization (WHO) and the Centers for Disease Control and Prevention (CDC) are at the forefront of formulating guidelines for infection prevention and control. Maintaining pure air and clean surfaces is essential for hygienic environments. Alongside standard hygiene practices, modern technologies play a crucial role in reducing infections and protecting vulnerable populations.

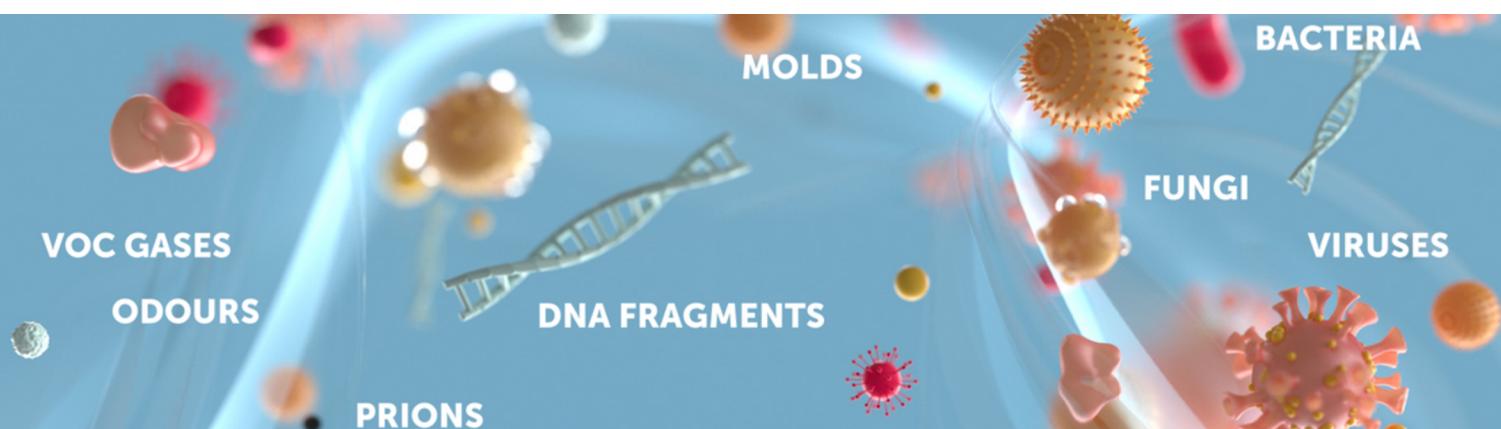
For immunocompromised individuals, extra safety measures are vital to mitigate serious health risks. Innovative technologies such as UVC lights, HEPA and ULPA filters, and ionization are being developed and implemented globally to effectively address these challenges. While traditional manual cleaning methods are prone to human error, identifying high-risk areas and applying consistent, purpose-driven technologies can significantly enhance decontamination efforts.

These advanced technologies improve the safety and habitability of indoor spaces, making them infection-free for everyone.

Advantages of Genano Products

- ▶ Constant CADR 24x7
- ▶ Does Not produce Ozone
- ▶ Low Lifetime running costs
- ▶ Compliments existing Ventilation systems
- ▶ No chemical aerosols and surface residues
- ▶ No substrates for microbes to grow on
- ▶ Eliminates 99.999% microbial contaminants
- ▶ Saves time and money
- ▶ Immediate effects and rapid commissioning
- ▶ Safeguards your patients & staff with ultra clean air

What Genano removes from Air





Genano 350	Technical Information	Genano 5250i
50-300 m ³ /h (boost mode 395 m ³ /h)	Clean air delivery rate	100-500 m ³ /h
> 99% of 0.1 µm particles	Particle cleaning efficiency	99.5% of particles ≥ 0.003 µm
99.9%	Microbiological efficacy	99.999 %
600g / 80mm active carbon	Gas adsorption	1100g / 60mm active carbon
30 x 90 x 37 cm	Dimensions (W x H x D)	60 x 168 x 60 cm
19 kg	Weight	91 kg
Aluminium	Material	Aluminium, painted steel
Stand-alone with 2 lockable wheels, can be wall-mounted	Installation	Stand-alone with 4 lockable wheels, can be wall-mounted
10-step speed control	Fan speed	10-step speed control
10-43W (boost mode 180W)	Power consumption	38-137 W
18-44 dB(A) at 3 m (boost mode 58 dB(A))	Sound level	24-53 dB(A) at 3 m
220-240 Vac 50/60 Hz	Rated voltage	220-240 V, 50/60 Hz
IEC 60601-1 Medical Devices	Earth Leakage Current	-
+5...+40 °C	Operational temperature	+5...+40 °C
Wall bracket, insect screen	Accessories	Negative / positive pressure kit Insect screen



Create Positive or Negative Air Pressure with Genano 5250i or use it as a plug-&-play decontamination unit in any indoor area.

Stand-alone



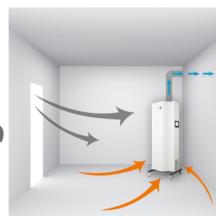
- Prevents transmission of infectious airborne microbes
- Prevention from surgical site infections & HAI's (Hospital Acquired Infections)
- Protects & isolates immunocompromised patients
- Raises hospital hygiene in critical areas, i.e. in isolation wards and other protected areas

Positive



Creating positive differential pressure to prevent pathogens from entering the room. e.g. Burns Ward, Organ Transplant Rooms, Stemcell Rooms, Cancer Wards, Sickle Cell Wards.

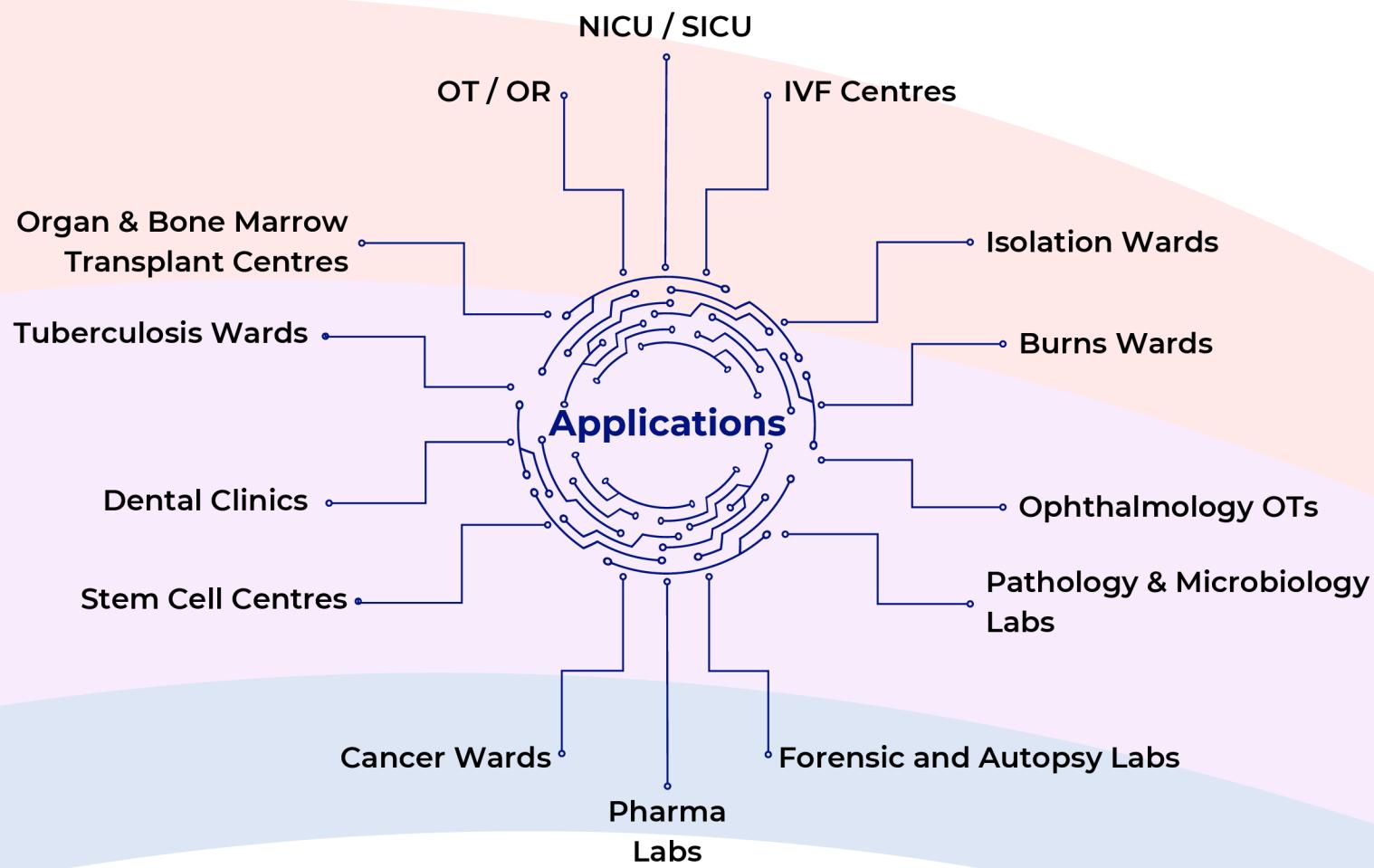
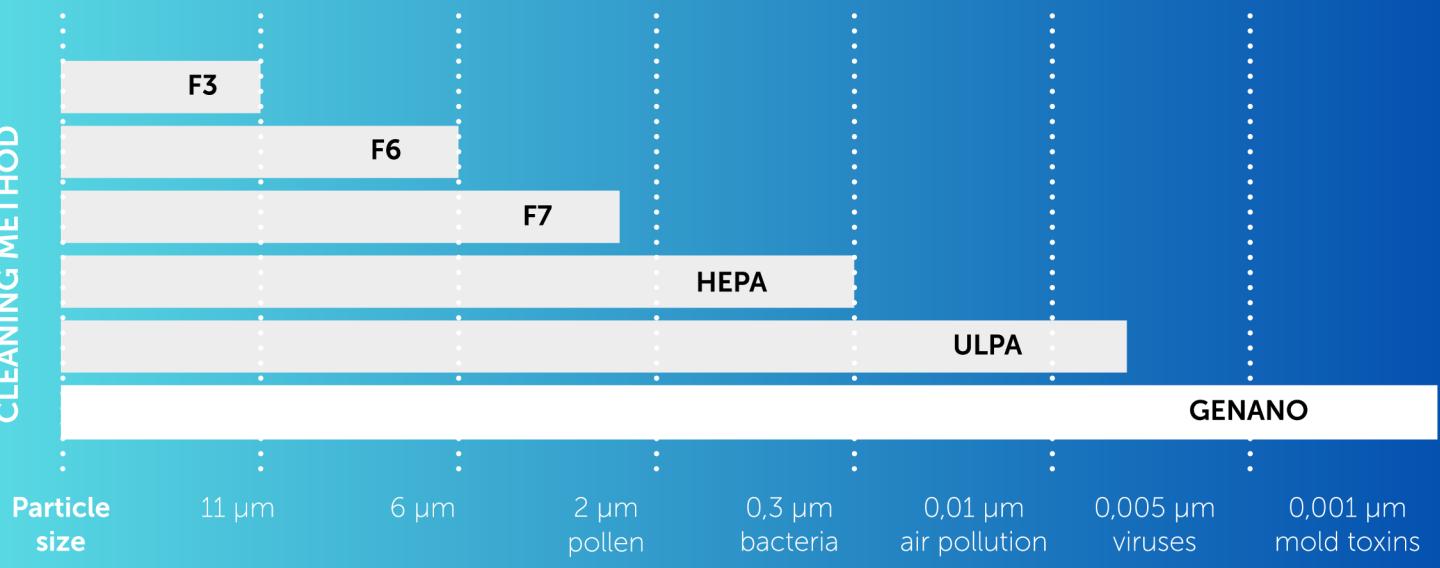
Negative



Creating negative pressure prevents air borne pathogens from entering other premises. e.g. Isolation Wards, Tuberculosis Wards, COVID Wards.

Genano is the only solution that removes ultrafine particles, down to 0.001 μm

CLEANING METHOD



Lisamed Technologies Private Limited

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