



Superior Decontamination
Device for Combating Viruses,
Bacterias and Harmful
Contaminants





Built on a new innovation for H₂O₂ vaporisation. Our smart, powerful, and easily portable decontamination units eliminate all harmful contaminants safely on any surface.

Cleamix is a revolutionary solution for the decontamination of logistics facilities, transport vehicles & containers, sterile disposable equipment, hospitals, and packaging materials.

Established in 2016, Cleamix decontamination system was initially designated for neutralizing chemical warfare agents in military use. It was co-developed with Finnish Defence Forces and National Research Laboratory of Finland (VTT).

Our solution provides stable generation and adequate distribution of H₂O₂ agent together with high quality monitoring. Accurate and repeatable decontamination conditions ensure correct contact times for > 6-log microbial reduction.

Operating principles

Superior solution to conventional bio-contamination methods and systems.

Simple to set-up and operate

Compact, briefcase-sized unit is designed for mobile decontamination. Superior hydrogen peroxide vapour generation than any other comparable device. Just specify desired H₂O₂ concentration and duration, and the unit takes care of the rest.

One liter of H₂O₂ liquid goes a long way

80% efficiency* using 35-50% H₂O₂ solution, resulting in 335 minutes of operation at full power. Accurate and repeatable decontamination conditions for > 6-log microbial reduction. Risk of hydrogen peroxide condensation accumulating on surfaces is minimized.

New standard setting technology

State of art sensors for real time monitoring of H₂O₂ concentration and condensation point; real time adjustment of H₂O₂ vapor output, heating and air-drying to maintain desired decontamination parameters.

Reliable and consistent results

Hydrogen peroxide (H₂O₂) vapour provides excellent penetration into hard to reach locations. Sporocidal efficiency of H₂O₂ vapour is activated already at 100-700 ppm concentrations. Additional fans are used for optimal air circulation to secure H₂O₂ vapour distribution.

Intuitive user experience

Sophisticated Cleamix control software enables hydrogen peroxide and water vapor levels to be maintained below saturation point. User Interface by touch screen on the Master Unit and computer/tablet/phone via cable or WiFi. Automatic process control based on real time sensor data and program parameters (temperature, RH, RS, concentration in ppm).

Cleamix solution is environmentally friendly and degrades into harmless water and oxygen.

New scalable decontamination solution



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Sophisticated Cleamix control software enables hydrogen peroxide- and water vapor levels to be maintained below saturation point and risk of H₂O₂ condensation accumulating on surfaces is minimized.

All Cleamix products are available through our partner network. We continue to build our partner network for global reach.

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