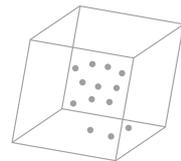


phileas
One technological step ahead!

Airborne Disinfection



PHILEAS 10i



Jusqu'à 10m³

Technologie
BREVETÉE

APASAFE*
O2SAFE**


Application areas

- › Pharmaceutical and food industries
- › Biotechnology laboratory

Applications

- › Isolators
- › MSC and laminary flow hood
- › Laboratory and Industrial Ovens

* APASAFE: Mixture of peroxide and peracetic acid
** O2SAFE: peroxide

Airborne Disinfection

Technology

The **Phileas** equipment is stand alone unit for surface decontamination unit, by airborne mist generation. The new generation **Phileas** technology is a patented fogging system, compact and robust, which meets the NF T72-281 norm (when used with the O2SAFE or APASAFE disinfectant). The equipment is marked with the CE logo, ensuring its compliance to European safety regulations.

Principle

The airborne decontamination of surfaces is **an innovative technique**, based on **the nebulisation** of an active agent. This disinfection agent is atomised, meaning it is reduced to micro droplets, and diffused in the room to decontaminate surfaces. This technique, also called dry spraying, enables the automated decontamination of all surfaces, including less accessible areas, without any residues..



Uses

Disinfection of very small volumes is made very difficult due to the complexity of access. However, they require the use of specific methods and offering performance at each point of the organs. Indeed, microorganisms are potentially present on the surfaces (floors, walls, ceilings, work) but also on equipment and consumables.

The **Phileas 10i** perfectly integrates in any bio-cleaning procedure and more generally in **all infection risk management strategies**. This unit is particularly well suited to very small volumes (70L to 10m3), such as freeze Dryers and incubators. The battery operated system, with its cycle decontamination programme, allows a total autonomy of the process.

Advantages

- Very Quiet
- Portable (only 5 Kg)
- Small size
- Easy to maintain
- Fully autonomous (battery operated)
- Optimized costs (only needs small quantities of products)

Specifications

Maximum volume	10 m ³
Flow rate	300 ml/h
Droplets size	5 -> 10 microns
Power	Batterie 12V
Battery autonomy	45 min à 1 h 30
Charging time	6 h
Size (L x l x h)	24 x 18 x 15,5 cm
Weight	5 Kg
Material	Stainless steel



Phileas description

- ON/OFF switch
- Menu and +/- buttons
- Backlit LCD screen
- Number of cycles programming
- Diffusion time Programming
- Tank capacity 250 ml
- Empty level security

Recommendation

Aerial decontamination should only take place with no human presence, and on clean surfaces: "you only decontaminate what is already clean" surfaces