

«The adaptation of spinning disc technology to airborne disinfection is the best kind of innovation : **simple and effective**.

Presenting **Micro Drop Technology**, which uses centrifugal force to project perfectly calibrated liquid droplets (5 to 10  $\mu\text{m}$ ) into the target regions.

The brand new Phileas range **automates the disinfection** of any kind of surface, even the most inaccessible.»



Phileas® GENIUS  
A concentration of technology

## Concentrated technology

Phileas®Genius is an **autonomous unit** for the airborne disinfection of surfaces, based on a **centrifugal nebulizing system**. Compact and robust, it has been tested against the NF T 72-281 versions 2009 or 2014 (with the disinfectants O2 SAFE 7.4 and PHILEASAFE).

## The solution to your decontamination risk management strategy

The **inherent complexity of achieving disinfection in very small spaces** requires the use of techniques that are both precise and effective in order to reach and eliminate all of the present microorganisms.

The microorganismes could potentially be present on any surface (walls, racks, work surfaces), or even equipment or consumables.



Battery-powered (NiMh) operation and programming cycles, enabling optimized disinfection in **complete autonomy**.

Disinfection can be **programmed and remotely controlled by tablet** MyPhileas® (optional)

## Procedures that are compatible with your organisation...

Phileas®Genius can be pre-programmed and runs without requiring the presence of an operator. You can easily and quickly program a diffusion for your team.

## ... and very easy to get working :

With its **rotative head and height-adjustable foot**, Phileas®Genius can be easily inserted into the structure of isolators, freeze-fryers, biosafety cabinets, sterilizing ovens, or even into serving hatches or double-door locks. Indeed, its large handles can be used with gloves. It is designed especially for treating very small volumes between 0,25 m<sup>3</sup> and 9 m<sup>3</sup>.

## ... and ecological too !

The disinfectants O2SAFE 7.4 and PHILEASAFE are free from additives. The disinfection cycle ends in their full degradation into free oxygen molecules and water, with no residue.

### Characteristics

**Great performance with NiMh battery** that lasts for 2h30 of op.  
Time battery charge : 6 h  
**Minimum maintenance**  
**Max volume of treatment** : 10 m<sup>3</sup>  
**Flow rate** : 400 ml/h  
**Granulometry** : 5 -> 10 microns  
**Tank** : 250 ml  
Materials compatible with H<sub>2</sub>O<sub>2</sub>  
Compliant **CE**

### Overview of Device

LCD Screen  
Locking rotary foot  
Programming areas or equipment  
Multi-Diffusion cycles  
Security absence of liquid  
Dimensions (L x l x h) :  
344 x 196 x 344 mm  
Portable (only 5,5 Kg)

### Fields & Applications

Pharmaceutical, agri-food and cosmetic industries  
Laboratories,  
Biotechnology  
Animals facilities  
  
Applications  
Isolators and BSC,  
Incubators,  
Freeze-dryers & sterilizing ovens,  
Airlocks and serving hatches