# Phileas® 250

Power & precision





Autonomous Airborne Surface Disinfection (ASD) device, with unique technique of dry fog using the centrifugation technique. In compliance with the EN 17-272 norm.

Marketing Authorisation N° AMM FR-2019-0071 obtained with the O2SAFE7.4° disinfectant.

### Technical characteristics

Volume treated: 50 up to 800 m<sup>3</sup>

Device's flowrate: 3 L/hr

Diffusion time: 90 min for 400m<sup>3</sup> at 12mL/m<sup>3</sup> for example

Integrated scale

Up to 5 consecutive cycles

### Droplets size: 5 to 10 µm

Liquid level check before cycle starts, notification if not enough liquid in the tank

Equipped with wheels and handles

Minimum maintenance, robust device

Biocide tank: 10 L

Power: 120W

Size (I x w x h): 839 x 250 x 813 mm

Weight: 17 kg

Material compatible with O2SAFE7.4® & Phileasafe®

EN 17-272 compliant & Marketing Authorisation

Works on mains power

Power supply: 100-240V, 50/60Hz, 1.8A

Indication: final disinfection after cleaning

### After-cleaning three-step disinfection



#### 1- Diffusion

#### Microdrop Phase

Microdrop Technology®\*: the biocide sprayed in nonwetting fog covers the entire surfaces

#### 2- Contact time

#### Steam Phase

- Small droplet size allows to shorten the evaporation time
- Biocide enters the microbial cells and kills it

#### 3- Aeration

**Recovery after** 20 air changes

Performance, Safety, Simplicity & Rapidity for the following applications:



**Pharmaceutical** industry

Cosmetics

industry



Life Animal Science

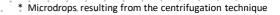


Biotech industry



Laboratory, corridors, multiroom setup, production or packaging area





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### Performance

- Effectiveness confirmed by the Marketing Authorisation N°FR-2019-0071 and compliant with EN 17-272
- 4-log<sub>10</sub>, decrease microorganism 5-log<sub>10</sub>, **6-log<sub>10</sub>** depending on the requirements
- Possibility to set several successive cycles (up to 5)
- Integrated precision scale specially designed for the most demanding industries: report of the exact quantity of liquid diffused
- Able to treat several rooms at once and long corridors thanks to its two diffusion heads

## Rapidity

- Adaptation of the protocol according to the goal and disinfection level to achieve: up to sterilisation level
- Different zones & programs memorized (name, volume, biocide dose...) for fast disinfection cycle launch
- Microdrop Technology<sup>®</sup>: dry nebulisation fog technology and optimised contact time

## Security

- Ensure accurate liquid diffusion thanks to the precision scale (initial weight check vs diffusion plan)
- Remote monitoring with MyPhileas®: no contact with the biocide
- Maintenance kit supply, for reliable disinfection cycle each time
- Management of accreditation level: parameters of the zones can only be modified by the administrator (with a password)
- Compatible with O2SAFE7.4® (100% biodegradable, additive free and residue free) & Phileasafe®:  $\leq$ 7.4%  $H_2O_2$  concentration, safe for users and non corrosive for equipment

## Control, data analysis & traceability

- Easy programming and total autonomy with two criteria: volume & concentration
- Automatic calculation of the diffusion time
- Variables and treatment area memorisation functionality
- Get a high traceability level with MyPhi application:
  - Available on laptop (Android & windows) or tablet (can be provided) via Wifi connection
  - Remote control during the disinfection cycle
  - · Traceability of the previous diffusion reports via MyPhileas® application
  - Thanks to the precision scale, the device will prompt the message "not enough liquid" if necessary before starting the diffusion
  - Information of the device's conditions

## Why Devea?

- Biodecontamination expertise with the most demanding sectors & Marketing Authorisation
- Devea Services:
  - Protocol support & personalized advice
  - Maintenance kit & step by step guided maintenance manual
  - Biological and chemical indicators provision
  - After-sale service & equipment repair diagnostic under 48hrs
- A range of products adapted for all volumes
- Design, manufacture and maintenance in France (Nantes)







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