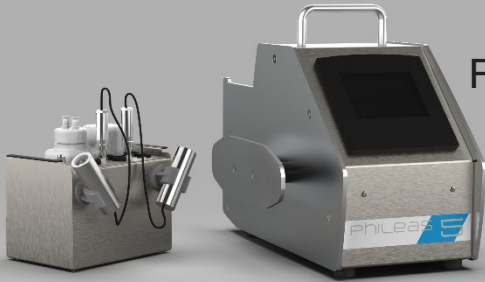


Phileas® 5

Fixed and mobile
for very small
volumes



Autonomous Airborne Surface Disinfection (ASD) device, with unique technology of dry fog.
Multi-nozzle and separable unit for more efficient disinfection of very small volumes: nozzles to be placed inside the space to be treated, the control box remains outside for easy and safe monitoring. Integrated and mobile, the best of both worlds!

Technical characteristics

Volume treated: 50 up to 1000L

2 nozzles on cords, to be positioned on the wall of the surface to be treated

Device's flowrate: 96 mL/hr

Diffusion time: 7min30 for 1000L at 12 mL/m³ for example

Droplets size: 5 µm

Up to 20 consecutive cycles

Biocide tank: 250mL

Power: 20W

Total size (l x w x h): 212 x 295 x 243 mm

Separable unit size (l x w x h): 148x123x160 mm

Weight: 5.5kg (total), 1.5kg (separable unit)

Material compatible with O2SAFE7.4 and Phileasafe

Minimum maintenance, robust device

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
the biocide sprayed in non-wetting 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:



Research laboratories



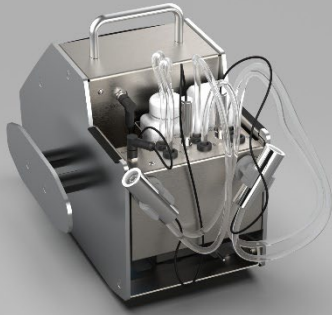
Pharmaceutical industries



Biotech industries



Glove boxes, incubators, isolator, RABS



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Performance

- 4- \log_{10} , 5- \log_{10} , **6- \log_{10}** microorganism decrease depending on the goals
- Adaptation of the protocol according to the requirements and **disinfection level** to achieve
- **Homogenous & qualitative dry fog** thanks to its unique nozzle technology

Rapidity

- Last zone variables memorized for fast disinfection cycle launch
- Volume treatment in as fast as **7 minute 30** for **1 m³** at **12mL/m³**
- **Piezoelectric nozzle nebulisation technology**, perfect for very small spaces: dry fog technology and optimised contact time

Security

- Maintenance kit supply, for reliable disinfection cycle each time
- Remote monitoring, no contact with the biocide thanks to its separable unit
- Easy and automatic programming system, reducing the risk of errors
- Compatible with O2SAFE7.4® and Phileasafe®: $\leq 7.4\%$ H₂O₂ concentration, **safe for users and non corrosive for equipment**
- O2SAFE7.4® is 100% biodegradable, additive free and residue free

Control and data analysis

- **Easy programming and total autonomy** with two criteria: volume and concentration
- **Automatic calculation** of the diffusion time
- Variables and treatment area **memorisation functionality**
- **Touch screen** and fast control set up

Why Devea?

- Biodecontamination expertise with the most demanding sectors
- 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)