



# Phileas® Genius

Optimum range

A concentrate of technology



## EFFICIENT AND SAFE DISINFECTION IN THREE STEPS

### 1 | Diffusion

*Microdrop phase*

Microdrop Technology®\*: Biocide is sprayed in micro-droplets, forming a non-wetting fog that covers all accessible and non-accessible surfaces, with excellent distribution.

### 2 | Contact time

*Vapor phase*

Evaporation of small droplets on contact with surfaces. Penetration of the biocide into the microbial cell and irreversible lethal action (full biocide spectrum).

### 3 | Aeration

Low H<sub>2</sub>O<sub>2</sub> concentration: fast ventilation.



## Technical characteristics

**New optimised interface** Tactile interface (HMI)

**Operator identification** at the start

**Screen** 4.3 inches, color, easier browsing

**Memory** of all latest diffusions

**Optimised connectivity** Excellent wifi connection

Communication with the MyPhileas Optimum app

**Traceability, data integrity**

**Audited compliant** 21CFR Part 11 & Annex 11 with MyPhileas Optimum

4 operator profiles, traceability of all operations

Audit trail saved on the equipment

Diffusion results visible on screen, exportable in pdf format

**Treated volume** 0.5 to 5 m<sup>3</sup>

**Device flowrate** 400 mL/h, **biocide tank** 250mL

**Droplet size** 5 to 10µm

**Size (L x W x H)** 280 x 255 x 225 mm, **Weight** 7 kg

**Multi-cycle** Separate delay time and inter-cycle time

**On battery** (NiMh) charger supplied

**Power supply** charger 100-240V, 50/60Hz, 1,8A, **Power** 45W

Autonomous Airborne Surface Disinfection (ASD) device, with **patented** technology of non-wetting fog using the centrifugation technique. In compliance with **EN 17-272 standards**. Marketing Authorisation **AMM N° FR-2019-0071** obtained with disinfectant **O2SAFE7.4®**.

**PERFORMANCE, SAFETY & EASE OF USE FOR THE FOLLOWING APPLICATIONS ACTIVITY SECTORS:**

- Pharmaceutical industry, research laboratory
- Biosafety cabinets, isolators, incubators, passboxes

\* Microdrop Technology: micro drops resulting from the centrifugation

## PERFORMANCE

- Efficacy validated by Marketing Authorisation N°FR-2019-0071 and in compliance with EN 17-272 standards
- Microorganism reduction of 4, 5 and 6 log<sub>10</sub> depending on requirements (*Geobacillus stearothermophilus* spores)
- Up to 20 successive cycles possible
- Easy to move and place in the most confined spaces (isolators, incubators, etc.).
- Preventive maintenance contract: guaranteed performance with every disinfection

## EFFICIENCY

- Protocol can be adapted to meet specific **disinfection targets**
- **Quick start-up** thanks to program and zone memory (name, volume, biocide dose)
- **MicrodropTechnology®**: non-wetting fog technology and optimised contact time, short aeration time

## SECURITY

- **Remote control with MyPhileas Optimum**: no contact with biocide
- Easy, automatic programming, reducing the risk of errors
- **Accreditation level management**: zone parameters can only be modified by the supervisor profile
- Compatible with O2SAFE7.4® and Phileasafe®: concentration of H<sub>2</sub>O<sub>2</sub> ≤ 7.4%, **safe for users and non-corrosive for equipment**
- **Dosing pump** for filling the reservoir (optional): no need to handle biocide

## INTEGRATION & TRACEABILITY

- Point-to-point wifi **communication**, excellent connection with MyPhileas Optimum application (tablet or PC).

### Traceability, data integrity:

- Diffusion report and audit trail exportable in pdf format
- Equipment audited compliant with GMP Annex 11 and 21CFR Part 11 with MyPhileas Optimum application

## WHY CHOSE DEVEA?

- Biodecontamination expertise recognized in the most demanding sectors
- Range of products and services adapted to all configurations
- Market Authorization issued

### Devea Biodecontamination Services offer:

- Qualifications (IQ, OQ)
- Cycle development, protocol, support & performance qualification
- Training
- Disinfection service provision
- Annual preventive maintenance contract
- Biological and chemical indicators supply
- After-sales service & equipment diagnostics within 48 hours
- Designed, manufactured and maintained in France



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ISO 9001

BUREAU VERITAS  
Certification

