Technical characteristics

- **Volume treated:** 50 up to 800 m³
- **Device’s flowrate:** 3 L/hr
- **Diffusion time:** 90 min for 400m³ at 12mL/m³ 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 (l 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 N° AMM FR-2019-0071**
- **Obtained with the O2SAFE7.4° disinfectant.**

**After-cleaning three-step disinfection**

1. **Diffusion**
   - Microdrop Phase
   - Microdrop Technology®: 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:**

- Pharmaceutical industry
- Cosmetics industry
- Life Animal Science
- Biotech industry
- Laboratory, corridors, multiroom setup, production or packaging area

*Microdrops, resulting from the centrifugation technique*
Phileas® 250
Power & precision

Performance

• Effectiveness confirmed by the Marketing Authorisation N°FR-2019-0071 and compliant with EN 17-272
• 4-log₁₀, 5-log₁₀, 6-log₁₀ microorganism decrease 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®: dry fog nebulisation 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®: ≤7.4% H₂O₂ 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 MyPhileas® 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)