AirMask 1000

Approved Cleaning Wipes & Disinfection Guide

A practical reference for cleaning, disinfecting and maintaining the AirMask 1000

1. Introduction

The AirMask 1000 is designed for straightforward, repeatable cleaning and decontamination between uses. This guide brings together all approved cleaning agents, disinfectant wipes, and decontamination methods in one place, so staff can clean with confidence and get the device back into service quickly.

2. Approved Disinfectant Wipes

The AirMask 1000 is compatible with a broad range of commonly available disinfectant wipes across four agent classes. All of the products listed below are suitable for external surfaces of compatible components.

Agent Class	Example Products	Guidance Notes
60–70% Alcohol (IPA or Ethanol)	Disposable wipes containing isopropyl alcohol (IPA) or ethyl alcohol (ethanol)	Highly effective for rapid surface disinfection. For regular or high-frequency use, follow up with a clean water wipe to protect plastic components over time.
Hydrogen Peroxide	Oxivir® TB Wipes (CloroxPro) Oxivir® 1 INCIDIN™ OXYWIPE (Ecolab) Clinell Sporicidal Wipes (red) Peroxide Multi Surface Cleaner (various)	Suitable for routine disinfection and high-level biological decontamination. Includes peracetic acid / hydrogen peroxide combination products. Follow up with a clean water wipe after use.
Quaternary Ammonium Compounds (QACs / Quats)	CaviWipes™ (Metrex) Sani-Cloth® AF3 (PDI) MaxiWipe (Henry Schein) Clinell Universal Wipes (green)	Well tolerated by AirMask 1000 materials. Suitable for routine use across all compatible components. Follow up with a clean water wipe after use.
Sodium Hypochlorite (Bleach / Chlorine)	Clorox Healthcare® Bleach Germicidal Wipes Sani-Cloth® Bleach (PDI)	Suitable for body-fluid contamination scenarios and high-level decontamination. Use products up to 1% available chlorine. Always follow up with a clean water wipe to remove residue.

After cleaning with any of these agents, allow components to air dry fully before reassembly or storage. Where a non-neutral agent has been used, a light wipe with clean water first is recommended to keep surfaces in good condition. If you have a product not listed above and would like to confirm compatibility, contact **support@cires-safe.com**.

3. Cleaning by Component

All main components of the AirMask 1000 can be cleaned with the approved wipes above. The table below gives specific method guidance for each part.

Component	Wipe Compatible	Recommended Method
Mask Assembly (half-face or full-face)	✓	Wipe inside and outside, paying particular attention to the exhalation valve, valve seats and connection points. Use a soft cloth or wipe and avoid lint-shedding materials.
Power Unit (external surfaces)	✓	Wipe external surfaces, seams, buttons and connection points. Keep the unit dry and avoid fluid entering ports or charging points.
Rear Bellows	✓	Use a soft cloth or brush, working gently between ribs. Inspect for any cracking or loss of elasticity after cleaning.
Head Harness and Neck Support	✓	Wipe with approved agent, air dry, and inspect for wear or loss of elasticity before reuse.
Filters	-	Filters are replaced, not cleaned. Replace in line with local IPC policy, after significant exposure, or when the blocked filter alarm activates.

Before cleaning, disconnect the mask from the power unit and reattach the guard link. Clean components separately, then reassemble only once everything is fully dry.

4. Autoclave and Enhanced Decontamination

Where local IPC or decontamination policy requires it, the AirMask 1000 can be autoclaved. This makes it well suited to healthcare environments with enhanced decontamination requirements, including theatres, isolation areas, and sterile services settings.

Autoclave Use	Expected Device Lifespan
Standard cleaning and wipe-based decontamination only	Approximately 5 years
Regular autoclave use (where locally approved)	Approximately 3 years

Autoclave use should be reserved for settings where sterilisation or enhanced decontamination is required, and where the process has been approved locally. Following autoclaving, inspect the device before returning it to service and run a flow capacity check.

> **Note on filters**
> Filters are **always** replaced rather than decontaminated, regardless of the cleaning method used for the rest of the device. Only the external filter casing may be wiped if needed.

5. After Cleaning: Pre-Reuse Check

A brief check before putting the device back into service ensures everything is in good order. The table below can be printed and used as a reusable checklist.

Pre-Reuse Check	Confirmed ✓
No cracks, crazing or visible material degradation on any surface	
Rear bellows retain elasticity and airflow is unobstructed	
Exhalation valve moves freely and seats correctly	
All connectors, release rings and connection points are clean and undamaged	
No cleaning residue remains on mask surfaces	
Harness and straps are intact and functional	
Device passes the flow capacity check (TEST/MODE button)	
Battery indicator confirms sufficient charge for intended use	

6. Drying and Storage

- Allow all components to air dry naturally in a clean environment before reassembly.
- Store in a clean, dry location away from direct sunlight and sources of heat or chemical exposure.
- Switch the unit fully off before storage and recharge as needed so it is ready for use.

7. Further Support

For product compatibility queries, replacement parts, or technical support, contact the CIRES team at **support@cires-safe.com**. Training on cleaning and decontamination procedures is available following purchase of the AirMask 1000.

Disclaimer

This document supports material compatibility and procedural best practice. CIRES Group Ltd does not certify pathogen-specific kill claims or sterilisation efficacy. Product examples are illustrative; users must defer to local infection-control, occupational hygiene, and regulatory authority requirements.