

PRODUCT DATA SHEET

AIRMASK 1000 EX-F



Product Name

EX-F
Reusable Exhalation Filter Module
For AirMask 1000 Half Mask



Product Description

The EX-F is a reusable exhalation filter module designed exclusively for use with the AirMask 1000 Half Mask (EN12941 TH3 system).

It provides high-efficiency P3 filtration of exhaled air to support source control in healthcare, sterile, and controlled environments. When fitted, the AirMask 1000 continues to operate as a powered positive pressure TH3 respirator, maintaining inward protection for the wearer.

The EX-F consists of a durable reusable housing and a replaceable single-use P3 pleated filter element. The split-seam housing design allows rapid, tool-free filter replacement.

Key Features at a Glance

- P3 exhaled air filtration (source control)
- Compatible with EN12941 TH3 AirMask 1000 Half Mask
- Maintains positive pressure system integrity
- Reusable IP66-rated housing module
- Replaceable single-use P3 filter element
- Tool-free service via split housing seam
- Lightweight, compact, low-profile design
- Smooth external surfaces for easy cleaning

Compliance / Standards & Certification

The EX-F is designed for use exclusively with the AirMask 1000 Half Mask certified to EN12941 TH3.

When fitted, the AirMask 1000 continues to deliver TH3 inward protection via positive pressure airflow. IP66 rating applies to the assembled module.

Users should confirm local regulatory acceptance where additional approvals may be required.

Troubleshooting (Common Issues)

- Reduced airflow: Check housing is correctly assembled and filter seated.
- Visible contamination: Replace filter element immediately.
- Seal damage: Inspect housing and replace if compromised.
- Difficulty closing module: Ensure filter is correctly positioned.

Maintenance, Cleaning & Consumables

- Daily: Inspect housing for damage or contamination.
- Clean housing using mild detergent or approved disinfectant.
- Ensure housing is fully dry before reassembly.
- Replace P3 filter element in accordance with contamination exposure or site protocol.
- Do not wash or reuse filter element.
- Inspect sealing surfaces and clips before reuse.

Usage Limits / Considerations

- For use only with AirMask 1000 Half Mask.
- P3 filter provides particulate filtration only.
- Not suitable for gas/vapour protection.
- Not for use in oxygen-deficient or IDLH environments.
- Filter replacement interval must be risk-assessed.

Contact / Support / Warranty

Refer to manufacturer or authorised distributor for warranty terms. Housing module is reusable under normal operating conditions. Filter element is single-use consumable. For technical support, user manuals, and replacement parts, contact CIRES.

Usage & Operating Instructions (Summary)

Pre-Use Checks

- Inspect housing and filter element.
- Confirm correct seating of filter.
- Ensure housing seam is fully closed.

Fitting

- Align EX-F with exhalation interface.
- Secure until correctly seated.
- Verify module is stable and sealed.

During Use

- Monitor for visible contamination.
- Replace filter if required by protocol.

Post Use

- Remove module.
- Dispose of single-use filter appropriately.
- Clean housing and allow to dry before reassembly.

Technical Specifications

Protection Level:	EN12941 TH3 APF40
Filter Type:	P3 pleated electrostatic particulate media (exhalation)
Function:	Exhaled air filtration (source control)
IP Rating:	IP66 (assembled module)
Compatibility:	AirMask 1000 Half Mask only
Housing Material:	Medical-grade polymer (reusable)
Filter Element:	Single-use P3 particulate filter
Operating Temperature:	-10°C to +45°C
Design / Form Factor:	Low-profile, front-mounted exhalation module
Weight:	Lightweight modular accessory (housing reusable)
Certification / Standard:	EN12941 TH3 (system approval)
Operational Environment:	Healthcare, sterile, laboratory and industrial particulate environments



support@cires-safe.com
www.cires-safe.com
0845 3838 389

Cires Group Ltd, Bodmin Road,
Trethowel, St Austell, PL26 8XE,
United Kingdom