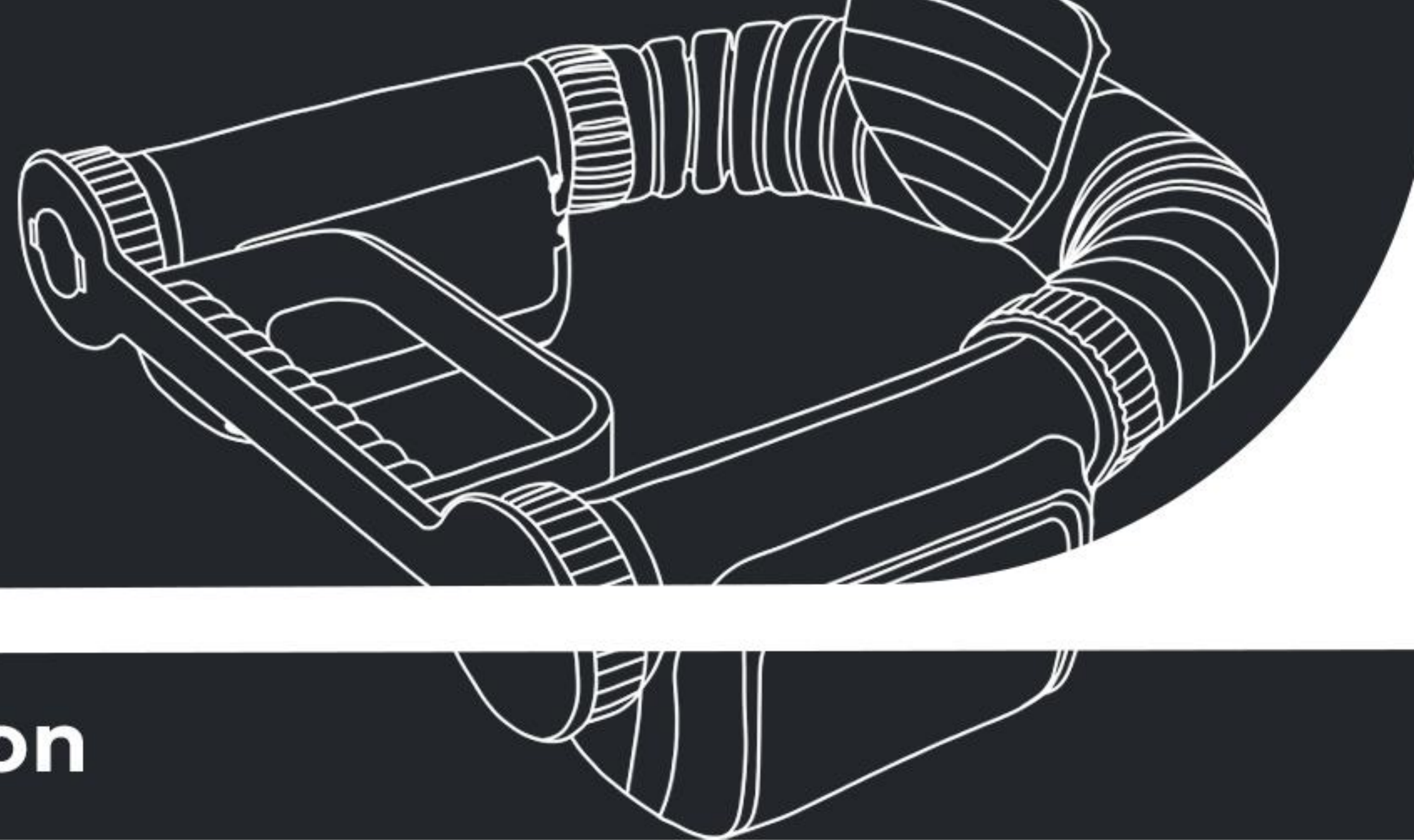


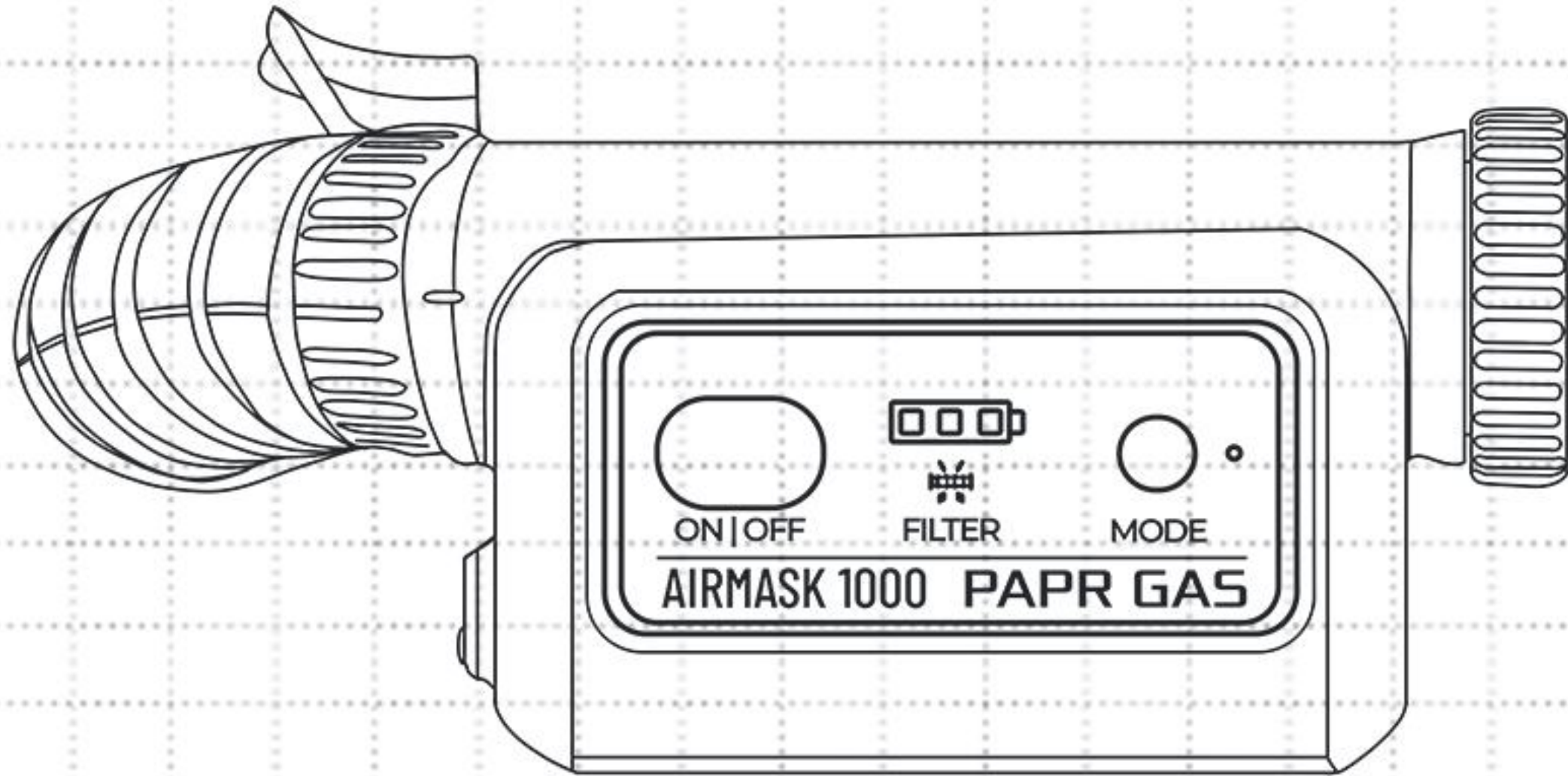
PRODUCT DATA SHEET

AIRMASK1000



Product Name

Airmask 1000
Around-Neck
Powered Air-Purifying
Respirator (PAPR)



Product Description

The Airmask 1000 is a high-performance powered respirator engineered for industrial environments. It is certified to EN12941 TH3 and can deliver both P3 and Gas protection leveraging world-class breath-responsive flow control to maintain positive pressure even during strenuous breathing tasks. With its around-neck, hose-free design, it offers a balance of comfort, mobility, and protection.

it delivers up to 8 hours of continuous operation with a rechargeable, replaceable battery, and is available in variants including half-face, full face, double seal, and welding types.

Key Features at a Glance

- Breath-responsive flow control; peak airflow > 200 L/min
- P3 filtration class, Certified to EN12941 TH3
- Around-neck hose- and belt-free design (low profile & lightweight)
- Loose-fit (beard-friendly) and tight-seal variants
- Push-fit & twist-release connectors for mask ↔ blower connection
- Alarms & indicators: low flow, battery, flow capacity check
- Battery runtime up to 8 hours; rechargeable and replaceable battery pack
- Modular design & parts sharing across variants

Technical Specifications

Protection Level	EN12941 TH3 APF40
Filter Options	P3 / ABEK1P3
Peak Airflow	> 200 L/min
Flow control	Breath-responsive / dynamic adjustment
Battery type	Rechargeable, replaceable battery pack
Battery runtime	Up to 8 Hours
Design / Form factor	Around-neck; no hose, no belt
Mask options	HFM (Half-Face Mask) / FFM (Full-Face Mask), loose-fit, double seal, speech / welding variants
Connectors	Push-fit + twist-release
Alarms & Safety	Low flow alarm, low battery alarm, flow capacity checks
Weight	Power unit: 430g Half Face Mask: 161 Full Face Mask" 480g
Certification / Standard	EN12941 TH3
Operational Environment	Industrial dusty / fume environments (silica, welding fume etc.)

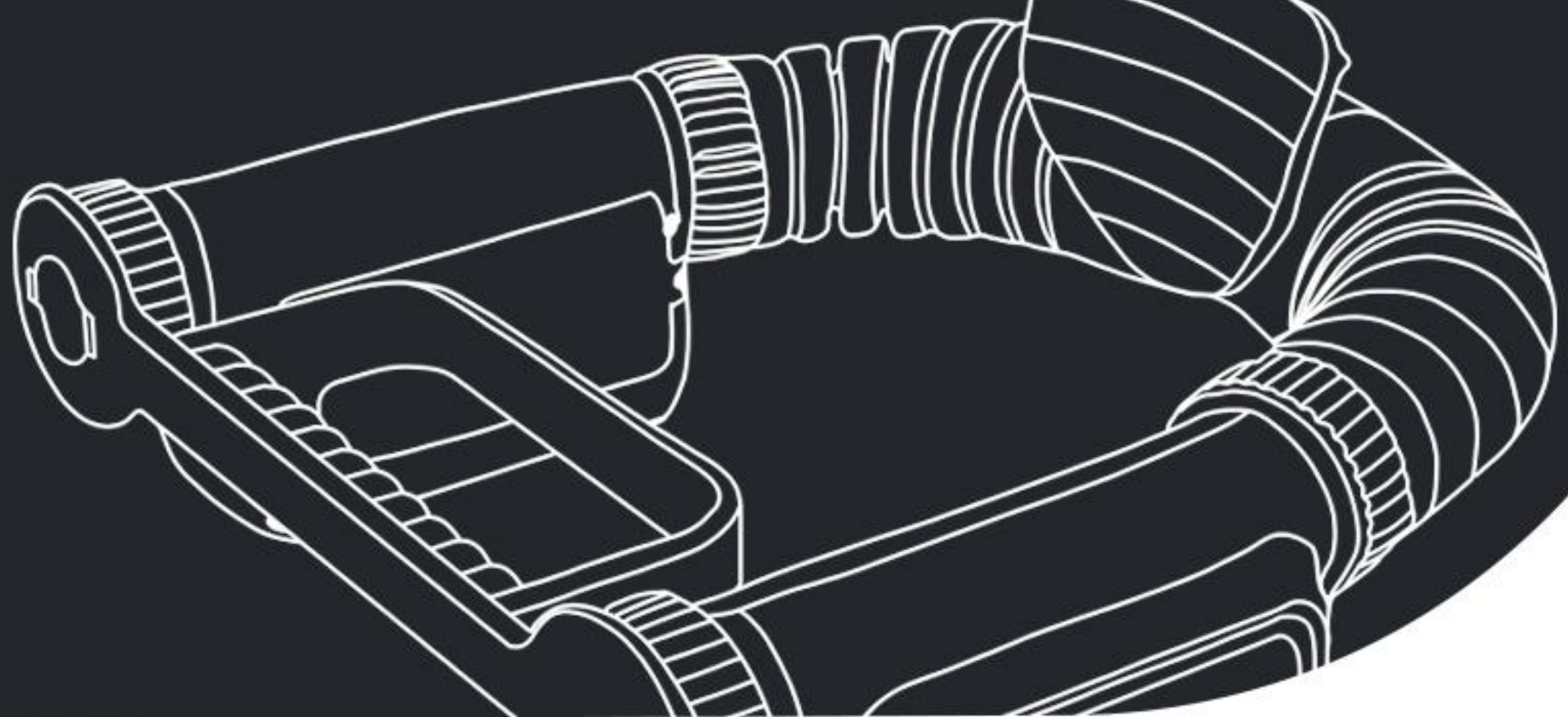


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PRODUCT DATA SHEET

AIRMASK 1000



Compliance / Standards & Certifications

Certified to EN 12941 TH3 for powered respiratory protection systems.

The user manual also lists additional applicable EMC and safety standards (EN/IEC series) for the AirMask 1000.

User should confirm local regulatory acceptance (some jurisdictions require CE/UKCA marking or additional national approvals.)

Maintenance, Cleaning & Consumables

- Daily: Inspect for damage, clean outer surfaces with mild detergent, replace pre-filters as needed.
- Periodic / Scheduled: Replace main filters when breathing resistance rises or per usage schedules; test alarm & blower performance.
- Cleaning: Mask and blower components can be washed per manual; ensure proper drying before reuse.
- Use only manufacturer-approved parts (filters, seals, batteries).
- Keep maintenance logs; use certified service centers for major repairs.

Troubleshooting (Common Issues)

- Low Flow Alarm: Check for clogged filters, poor seal, low battery.
- Low Battery Alarm: recharge battery or change to a fully charged battery pack.
- Air Leak / Poor Airflow: Inspect connectors, re-seat, verify mask seal, check for obstruction.

Typical Applications & Use Cases

- Healthcare settings (infection control, theatres, endoscopy, sterile services)
- Asbestos removal and demolition
- Mining and heavy industries (including silica dust)
- Welding and metal fabrication (fume protection)
- Powder coating, sawmills, manufacturing involving particulates

Usage Limits/Considerations

- Only certified for use with gas or chemical vapours when using correct filter setup.
- Not for use in areas where oxygen levels drop below 17%.

Typical Applications & Use Cases

- The product line includes multiple mask types (HFM, FFM), sizes, and special variants (welding, speech, loose-fit).
- Accessories include spare batteries, chargers, filter sets, sealing kits, cleaning kits, straps, etc.
- Confirm SKU / part numbers with your distributor or manufacturer.

Contact / Support / Warranty

- Refer to manufacturer or authorized distributor for warranty terms.
- Maintenance records and proper use are required for warranty validity.
- For support, request full user manual, certificate documents, and parts catalogue.

Usage & Operating Instructions (Summary)

Pre-Use Checks

- Visually inspect the blower, mask, connections, and filters.
- Confirm battery charge is sufficient.
- Perform flow test and check for any alarms or indicators

Donning

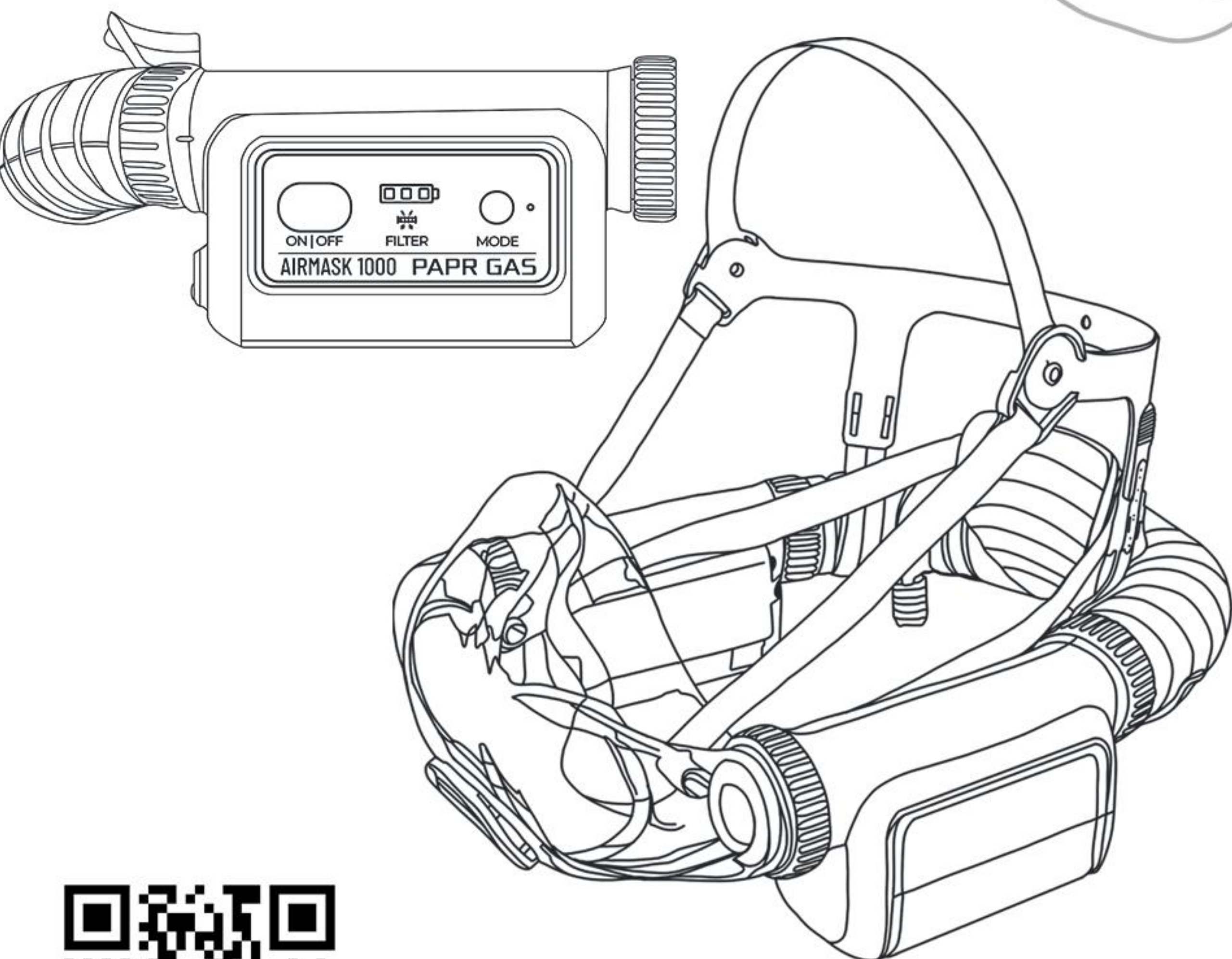
1. Put on the mask assembly, adjust head harness.
2. Power on blower unit and secure it around the neck.
3. Connect mask to blower via push-fit connector (twist until locked).
4. Ensure positive airflow and alarm systems are working.

During Use

- Monitor battery and flow alarms.
- Replace filters or recharge/replace battery when alarms or warnings occur.
- Do not use in oxygen deficient environments.

Doffing

1. Power off the blower
2. Disconnect mask from blower.
3. Remove mask and blower; clean and store per maintenance guidelines.



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