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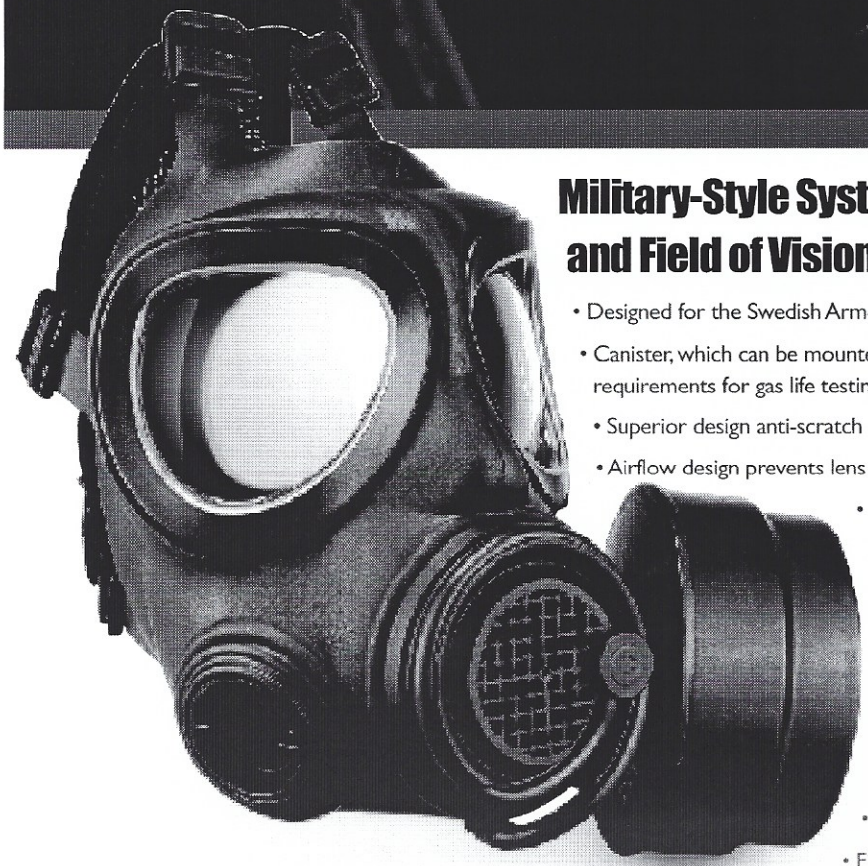
NEW

AOSafety®

Gas Mask CB

Chemical/Biological Protection For Law Enforcement & Emergency Responders





Military-Style System with Excellent Protection and Field of Vision

- Designed for the Swedish Armed Forces to protect against chemical, biological and radiological agents
- Canister, which can be mounted on either side of the facepiece, meets US Military C2A1 requirements for gas life testing and government specifications for tear gases and particulate agents
- Superior design anti-scratch lenses permit a wide field of vision and optimal weapons-sighting
- Airflow design prevents lens fogging
- Superior integral-design drinking tube does not interfere with downward head movement and swivels out-of-the-way when not in use
- Integral speech transmitter provides clear communication
- Optional speech capsule provides enhanced communications for side-mounted microphones or telephones
- Spectacle kit, drinking tube bottle cap and bottle, and carrying case accessories available
- Comfortable 6-strap fabric harness fits under ballistic helmets
- Bromobutyl rubber resists chemical attack; no need for second skin
- Fits into standard gas mask pouches worn on the leg, belt or vest

Since the mid-1990s, over 600,000 masks have been produced

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NEW AOSafety.

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CB Canister Testing Conditions and Results – Chemical Warfare Agents

Challenge Agent	Test Concentration	Flow Rate	Breakthrough Concentration	Time to Breakthrough
DMMP (surrogate for GB)	3000 mg/m³	50 lpm	0.04 mg/m³	>210 minutes*
Sarin (GB)	4000 mg/m³	32 lpm	0.04 mg/m³	>215 minutes*
Cyanogen Chloride (CK)	4000 mg/m³	32 lpm	8.0 mg/m³	30 minutes*
Chloropicrin (PS)	15000 mg/m³	30 lpm	0.7 mg/m³	70 minutes
Hydrogen Cyanide (AC)	5500 mg/m³	30 lpm	5.0 mg/m³	45 minutes

Shelf Life: 10 years (foil wrap, plugs)
Diameter: 4.25 inches (10.8 cm)
Height: 3 inches (7.6 cm)
Weight: 0.71 pounds (323 grams)
Connection: 40 mm NATO thread
Body Material: Black polyamide

The CB Canister was tested by independent labs to verify its performance against a range of chemical warfare agents.

CB Canister Testing Conditions and Results – 42 CFR Part 84 Gases (Toxic Industrial Materials)

Gas Challenge	Test Concentration	Flow Rate	Breakthrough Concentration	Time to Breakthrough
Phosphine	1500 ppm	64 lpm	0.3 ppm	>24 minutes**
Tear Gas (CS)	3 ppm	64 lpm	0.05 ppm	>480 minutes**
Tear Gas (CN)	16 ppm	64 lpm	0.05 ppm	>480 minutes**
Chlorine	500 ppm	64 lpm	5.0 ppm	>35 minutes**
Hydrogen Chloride	500 ppm	64 lpm	5.0 ppm	25 minutes**
Sulfur Dioxide	500 ppm	64 lpm	5.0 ppm	>85 minutes**
Formaldehyde	100 ppm	64 lpm	1.0 ppm	>100 minutes**
Ammonia	1000 ppm	64 lpm	50.0 ppm	>55 minutes**
Methylamine	1000 ppm	64 lpm	10.0 ppm	>80 minutes**
Hydrogen Sulfide	1000 ppm	64 lpm	10.0 ppm	>60 minutes**
Chlorine Dioxide	500 ppm	64 lpm	0.1 ppm	>60 minutes**
Hydrogen Fluoride	70 ppm	64 lpm	3.0 ppm	>60 minutes**

** Note: These tests are part of the performance specifications for the C2A1 canister, as specified in military specification MIL-PRF-51560A (EA), 1 July 1997, Performance Specification: Canister, Chemical-Biological Mask: C2A1. The CB Canister meets or exceeds the performance requirements of the C2A1 canister for these gases.*

*** Note: The CB Canister toxic industrial materials (TIMs) performance exceeds the 42 CFR Part 84 minimum service life requirements for these gases.*

In addition to protecting against toxic industrial materials (TIMs) and the chemical warfare agents listed above, the CB Canister offers particulate protection that is over 99.99% efficient. The HEPA filter removes all aerosols and solid particulates, which makes it effective protection against a range of weaponized biological agents.

Product Code	Description
59200-00000☐	AOSafety Gas Mask CB, Small
59201-00000 ☐	AOSafety Gas Mask CB, Medium
59202-00000 ☐	AOSafety Gas Mask CB, Large
59230-00000 ☐	AOSafety Gas Mask CB Canister
59212-00000 ☐	AOSafety Gas Mask CB Maintenance Kit
59213-00000 ☐	AOSafety Gas Mask CB Head Harness
59215-00000 ☐	AOSafety Gas Mask CB Storage/Carrying Case
59216-00000 ☐	AOSafety Gas Mask CB Speech Capsule
59217-00000 ☐	AOSafety Gas Mask CB Spectacle Kit
59219-00000 ☐	AOSafety Gas Mask CB Bottle Cap and Bottle for Drinking Tube

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www.aosafety.com

For ordering information or your nearest stocking distributor:

	U.S.A ☐	Canada ☐ ☐	Export Sales
Phone:	1-800-225-9038☐	1-800-387-9681	1-317-692-6643
Fax:	1-800-488-8007☐	1-800-488-8007☐	1-317-656-5827

Technical Questions?

	U.S.A & Canada ☐	Other Countries
Phone:	1-800-444-4774 ☐	1-508-764-5721
Fax:	1-508-764-5640	1-508-764-5640

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CFR22 CBRN A2B2E1K1-P3 R D

TECHNICAL SPECIFICATIONS
TEST REPORT 200821311/2120 OF 2008-05-14 - BGIA SANKT AUGUSTIN

Test	CFR22 CBRN A2B2E1K1-P3 R D	EN14387 Requirement
Breathing resistance @ airflow		
@ 30l/min	1.3 mbar	max 202 mbar
@95l/min	4.1 mbar	max 8.2 mbar
Filter Performance		
Particle Filter Efficiency @ 95l/min airflow (EN143)		
Sodium Chloride NaCl	Meets the requirement	Max 0.5%
Paraffin Oil	Meets the requirement	Max 0.5%
Gas Filter Capacity with test gas @ 30l/min airflow:		
Cyclohexane C6H12 (0.5 vol -%)	47 min	min 35 min
Chlorine Cl_2 (0.5 vol%)	24 min	min 20 min
Hydrogen Sulphide H_2S (0.5 vol%)	88 min	min 40 min
Hydrogen Cyanide HCN (0.5 vol%)	40 min	min 25 min
Sulphur Dioxide SO_2 (0.5 vol%)	110 min	min 20 min
Ammonia NH3 (0.1 vol%)	64 min	min 50 min
Dimensions		
Weight	Net weight approx. 290g w/o cap & plug and packaging	max 500g with full face mask
Height	90mm	
Diameter	110mm	
Volume	220 ml	
Connector thread	40mm	
Opening diameter	50mm	EN148-1
Material		
Casing material	Polyamide reinforced	
Storage and Maintenance		
Storage time	10 years (factory sealed)	
Storage temperature	-10°C... +50°C (factory sealed)	



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SELECTION OF PROTECTION

Choosing the proper type of respiratory protection depends on the conditions under which it is to be used and is strictly specified by local authorities, whose directions must be followed.







There are three main types of respiratory protection used in the face of different hazards:

SELF-CONTAINED BREATHING APPARATUS

SCBA supplies clean air to the user independent from the surrounding atmosphere. Breathing Apparatus is needed when the nature of the hazard has not been quantified (agent type, concentration) or the air is oxygen-deficient.

Scott breathing apparatus are designed for extreme operations in fire fighting, first-responder and SWAT operations. Scott self-contained breathing apparatus constitute leading-edge protection against the threats of today's world.

NEGATIVE PRESSURE RESPIRATORS

Gas mask with a CBRN filter can be used when the type and atmospheric concentrations of substances have been identified and the oxygen content of the air is sufficient (18-23 vol%).

Scott M'95 and M'98 are protective masks for the armed services, law enforcement and civil defence authorities for protection against CBRN agents.

POWERED RESPIRATORS

Other filtering devices, like a powered respirator with a full hood, offer a reliable solution to respiratory protection for rescue teams during decontamination and cleansing operations when contaminants have been identified and measured; this type of respirator is appropriate to remove the contaminants.

Scott Proflow SC and Tornado T-Power powered air-purifying respirators make sense for civil defence by providing cool air through a fanning effect, extending user wear times.



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BRAND NEW GERMAN MADE ORIGINAL NATO GAS MASK AND NEW SEALED FILTER. PACKAGED IN GENUINE MILITARY SURPLUS CONTAINER.

Made by the famous Draeger Facility. Best gas mask ever!



THE FAMOUS M65 DRAEGER NATO GAS MASK

This mask takes the standard thread size NATO filter (40mm).
Masks are new and in container with sealed filter.
Supplied with copies of descriptive literature.
Placement of canister allows firing a rifle while the mask is worn.
Historically significant mask - Used by the Bundeshwehr & other NATO armies. The M65 replaces the earlier model M62.
Large replaceable, curved eye pieces for super vision when wearing mask.

Lenses have a full 3" opening across.

DRAEGER M65 NATO GAS MASK FEATURES! Please Note These Historically Interesting Features

- Body flange is 3/4" wide to insure a good seal
- Time to install mask is only 5 seconds
- Easily tested for a good facial seal
- Mask comes with a sealed hard & resistant heavy duty plastic carrier with a quick release lid latch & carry strap
- Filter change in only 21/2 turns - Standard NATO 40mm canister with coarse NATO thread

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- Soft dark green rubber body
- 5 strap head harness
- Quick lock one way buckles that easily release with a pull on the buckle
- Quick detachable neck strap, clipped to rear edge of face piece
- Two very large triangular shaped eye pieces with curved lenses. Replaceable lens is retained with nickel plated screws & clamping grommets
- The nose piece (exhaust valve) incorporates a speaking mechanism in the exhaust diaphragm
- Unit has an ingenious baffling system that prevents fogging by routing air over the lenses
- Many features to maintain the integrity of the system over a long life.

Container may exhibit storage ware