

MIRA® SAFETY

CM-6M

TACTICAL GAS MASK

Full-Face Respirator for CBRN Defense

The CM-6M CBRN Tactical Gas Mask provides robust protection for your face, internal organs, and respiratory system against a full spectrum of toxic industrial chemicals (TICs) and chemical warfare agents (CWAs), radioactive dust, noxious gas, vaporized pollutants, and more.

This reusable full-face respirator is trusted and used by professionals in industrial and agricultural settings as well as police and rescue squads and civil defense agencies. The CM-6M is marked with a "CE" symbol and is manufactured in accordance with the EN 136:1998 Class III and EN 148-1 standards.

KEY FEATURES

- 20-year shelf life for long-term usability
- Comes with a pre-installed hydration system and canteen
- Durable bromobutyl rubber construction is resistant to toxic industrial chemicals and chemical warfare agents
- Full-face panoramic design with a large visor enables a wide-angle view
- Hypoallergenic inner mask prevents fogging, even under heavy use
- Fits up to two standard 40-mm 1/7" NATO filter cartridges (widely available with various protection levels)
- Compatible with the MIRA Safety Gas Mask Microphone and Voice Projection Unit
- Compatible with the MIRA Vision Spectacle Prescription Lenses Kit
- Trusted by police worldwide and government entities in the Czech Republic, Norway, Portugal, Chile, Saudi Arabia, Turkey, Kuwait, Latvia and Lebanon

GAS MASK ACCESSORIES



MB-90 PAPR

This detachable unit upgrades your standard gas mask to a powered air-purifying respirator (PAPR) that uses an integrated blower instead of lung power for improved airflow and positive pressure within your gas mask.



PROFILM PROTECTORS

These protective covers apply directly on your gas mask's visor for a perfect fit. They can stack in multiple layers so that if/when your visor gets dirty or fouled, just pull the tab to remove the PROFILM and restore crystal clear vision. Available in clear or tinted.

CM-6M



- Bromobutyl Rubber Construction
- Exhalation Valve And Comms Port
- Built-in Speech Diaphragm
- Panoramic Visor
- Two 40mm NATO Filter Ports
- Integrated Drinking Hose

SCAN HERE

FOR PRODUCT INFO

TECHNOLOGY FOR PROTECTION, UTILITY, AND COMFORT

TECHNICAL SPECIFICATIONS

Weight	560g
Sizes	1
Effective field of vision	77.6%
Overlapped field of vision	83.8%
Visor measurements	8.25”w x 4.5”h
Visor material	Polycarbonate
Intelligibility of talk	95%
Face piece material	Bromine-Butyl Rubber
Filter connection thread	Rd 40 x 1/7”

BREATHING RESISTENCE

Inhalation resistance at 30 l/min	Max .30 Pa
Exhalation resistance at 30 l/min	Max .60 Pa



Hydration System Compatible
Canteen Included

STORAGE

- The CM-6M tactical gas mask must be stored in a dark, cool and dust-free place free from sudden temperature changes. The storage room should be ventilated regularly. Temperatures may vary between 10°C and 25°C within relative humidity up to 65%. Full face gas masks must not be exposed to radiant heat or sunshine.
- Fuels, solvents, lubricants and other inflammable substances, including chemicals, must not be stored with masks. Moreover, there must not be any electrical machines or appliances that produce sparks or discharges during operation (ozone creation). Avoid deformation of the rubber parts of the face piece and internal CBRN gas mask during storage.

MAINTENANCE

- Wipe dry the inner sides of the face cover after each use. The face part must be completely dry prior placing in the bag (do not place in direct sunlight and close to heaters). A mask that was previously used shall be disinfected by wiping the interior with a 2% chloramines solution and let to dry before use by another person. After longer use we recommend to wash the mask with a solution of soap, soda, or detergent, rinse it with clean water, and let dry.
- Maintenance and cleaning shall be performed without the filter on. Do not clean the mask using organic solvents (benzene, toluene, etc.). If using the mask in dusty environment, always check that all the parts of the exhalation chamber are clean after use.

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