

MIRA® SAFETY

CM-8M

TACTICAL GAS MASK

Full-Face CBRN Respirator

The CM-8M Full-Face Respirator is a next-gen CBRN mask, specially engineered to meet and exceed the strictest military requirements. Thanks to a unique new visor design, it provides unparalleled visibility combined with optics compatibility and a six-point mesh head harness for maximum stability.

Additionally, it provides trusted protection from a full spectrum of toxic industrial chemicals (TICs) and chemical warfare agents (CWAs) including chemical, biological, and nuclear threats such as radioactive dust, noxious gas, and vaporized pollutants.

KEY FEATURES

- Contoured panoramic visor provides maximum field of view (92.5%) while preserving compatibility with night vision goggles, thermal optics and rifle scopes
- 20-year shelf life
- Uses widely available NATO-standard, 40-mm filter cartridges
- Durable bromobutyl rubber construction (meets CBRN protection standards)
- Tested for compatibility with a variety of high-cut helmets
- Hypoallergenic inner mask prevents fogging, even under hard use
- Tested resistance to mustard gas penetration for nearly 30 hours
- Fits up to two standard 40-mm 1/7" NATO filter cartridges (widely available with varying protection levels)
- Can be used with a single filter on either side to ensure proper cheek weld for left- or right-handed shooters
- Meets all requirements under EN 136:1998, Class III

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 to 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-8M



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

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FOR PRODUCT INFO

TECHNOLOGY FOR PROTECTION, UTILITY, AND COMFORT

TECHNICAL SPECIFICATIONS

Weight	540g
Intelligibility of talk	95%
Sizes	1
General field of vision	Rd 40mm x 1/7”

BREATHING RESISTENCE

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

MATERIALS

Face piece	Bromobutyl rubber, non-irritating
Visor	Polycarbonate
Inner masks, other rubber components	Natural rubber, non-irritating
Plastic components	Polyoximethylene, polyamide
Head harness	Six-point, rubber-textile

Hydration System Compatible
Canteen Included



STORAGE

- The CM-8M 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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