

M110 CBRN GAS MASK / APR

SAFETYTECH INTERNATIONAL M110 CBRN GAS MASK / APR

The SafetyTech M110 Dual Lens CBRN Facepiece is ideal for police, security SWAT teams and military personnel for CBRN-approved air-purifying respiratory protection in combat, riot control, or other tactical situations. While it protects the forces against the standard riot controlling agents, it goes the next step in providing protection against chemical, biological, radiological and nuclear agents. When used with the SafetyTech International 40mm cartridges, the SafetyTech International M110 CBRN Dual Lens facepiece can be used as an “everyday” facepiece with expanded work applications.

FEATURES:

- Available in two sizes to ensure user’s excellent fit, protection and comfort.
- Bi-ocular lens provides excellent downward and horizontal vision, allowing proper weapon sighting and peripheral vision.
- Soft silicone nose cup offers lower breathing resistance while directing the airflow over the lens minimizing lens fogging.
- Dual 40mm canister ports allow for canister to be mounted left or right side for proper weapon sighting.
- Optional speech diaphragm for optimal personal communications.
- Optional drinking port allows for rapid fluid intake and rehydration.
- Textile head harness for superior fit and quick donning
- Six-point, easily adjustable head harness for quick and easy donning.
- Hypoallergenic, halobutyl material provides maximum user comfort and excellent resistance against CBRN agents and toxic materials.
- Hard-coated, impact resistant polycarbonate lens resists scratching.
- CBRN-approved when used with SafetyTech International’s CBRN Cap-1 Canister.
- NIOSH 42 CFR approved when used with SafetyTech International, GME Multi Gas, or P100 Cartridge.



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TECHNICAL DATA AND MANUFACTURER CERTIFICATIONS:

- Facepiece:**
- Lens Material: Hard Coated Polycarbonate
 - Head Harness: Textile
 - Facepiece: Halobutyl
 - Nosecup: Silicone
- Weight:**
- Mask w/ canister: 860 grams (1.9 lbs.)
 - Mask only: 460 grams (1.01 lbs.)
- Canister:**
- Weight: 410g (0.9 lbs), Weight in Packaging: 550g (1.2 lbs)
 - Height: 4.11 inches (10.4cm)
 - Diameter: 4.33 inches (11.0cm)
 - Housing Material: Polyamide
 - Packaging Material: Polypropylene w/ a magnetic induction seal.
 - Shelf-life: 7 years stored in original packaging
- Approvals:**
- NIOSH CBRN APR Negative Pressure full facepiece
 - Cap-1 Approval TC-14G-0283

M110 CANISTER TEST CHALLENGE & TEST BREAKTHROUGH CONCENTRATIONS*

	Test Concentration (PPM)	Breakthrough Concentration (PPM)
Ammonia	2500	12.5
Cyanogen Chloride	300	2
Cyclohexane	2600	10
Formaldehyde	500	1
Hydrogen Cyanide	940	4.7(1)
Hydrogen Sulfide	1000	5.0
Nitrogen Dioxide	200	1 ppm NO ₂ or 25 ppm NO(2)
Phosgene	250	1.25
Phosphine	300	0.3
Sulfur Dioxide	1500	5

(1) Sum of HNC and C2N2.

(2) Nitrogen Dioxide breakthrough is monitored for both NO₂ and NO. The breakthrough is determined by which quantity, NO₂ or No, reaches breakthrough first.

* Time for breakthrough for CBRN APR negative pressure is a minimum of 15 minutes.

M110 PART DESCRIPTIONS AND ORDERING INFORMATION

Part Number	Description
Masks:	
13263	M110 CBRN Dual Lens Facepiece, Medium/Large Size
13283	M110 CBRN Dual Lens Facepiece, Medium/Large Size w/Drinking Device
13243	M110 CBRN Dual Lens Facepiece Small Size
13223	M110 CBRN Dual Lens Facepiece Small Size w/Drinking Device
N-60188-001	M110 CBRN Dual Lens Facepiece Kit (includes One M110 Facepiece Medium/Large Size and One CBRN Canister)
N-60188-001	M110 CBRN Dual Lens Facepiece Kit (includes One M110 Facepiece Medium/Large Size w/ Drinking Device and One CBRN Canister)
N-60188-001	M110 CBRN Dual Lens Facepiece Kit (includes One M110 Facepiece Small Size and One CBRN Canister)
N-60188-001	M110 CBRN Dual Lens Facepiece Kit (includes One M110 Facepiece Small Size w/ Drinking Device and One CBRN Canister)
Canisters:	
45161	CBRN Cap-1 Canister
Accessories:	
12798	Spectacle Kit
12593	Optional Drinking Bottle
12592	Speech Diaphragm