

K10

CBRN GAS MASK

TECHNICAL SPECIFICATIONS

Polyurethane visor
Material Mask: Butyl Rubber
Weight 445 g (face-piece, size M)
VFS 101 - NIOSH CBRN APR
(VisionFieldScore) standard
Available sizes S, M, L, XL

PERFORMANCE

- + Protection against CBRN & anti-riot agent
- + Breathing resistance (Face-piece & Canister)
 - Tested per NATO Triptych D103

Airflow	30 L/min	50 L/min	80 L/min
Inhalation	98 Pa	167 Pa	265 Pa
Exhalation	49 Pa	78 Pa	108 Pa

Certification: CE (PPE Regulation 2016/425/EU
- Module B: Certificate CE 790617)

◆ NATO VALIDATION HISTORY (TNO / proqares)

Independent system-level testing by proqares (tno), netherlands | Meets all relevant requirements of nato triptych ac/225-d103 (revised) | Proven baseline for modern aep-73 environments.

With its revolutionary dual canister system, single panoramic visor, and NATO-validated protection, the *K10* offers superior operational performance and comfort in the most hazardous CBRN environments.

K10 is a variant of K5 (next-generation standard issue gas mask for Korea) and is Engineered to exceed the requirements of NATO Triptych and to be suited to future battlefield environments. The dual canister system minimizes breathing resistance, while the low-profile design prevents snagging and enhances weapon compatibility.

KEY FEATURES



Dual Canister System

- + Reduced inhalation resistance by 50 % compared to single canister
- + Low-profile design prevents snagging and interference with weapon stocks
- + Compatible with single CBRN canister with DIN 40 thread
- + NATO Triptych D103 compliant
- + Perfect balance during operation



Single Panoramic Visor

- + Wide field of vision with enhanced situational awareness
- + Flexible, scratch and impact resistant
- + Integration with gun sights and night vision equipment
- + Maximum visibility for tactical operations



Hydration System

- + Self-locking high flow drinking system
- + Easy operation with external lever
- + Compatible with canteens & backpack hydration systems
- + Maintains seal integrity during hydration



6-Point Head Harness

- + Aramid material for structural integrity under heat exposure
- + Quick-release buckle system for rapid donning
- + Mesh harness distributes pressure evenly
- + Ensures perfect fit and leak-tightness
- + direct microphone integration



Communication Module

- + External communication port beneath exhalation valve
- + Compatible with voice amplifier and radio communication cables
- + Clear speech transmission without compromising mask seal
- + Internal communication port for direct microphone integration



Compatibility

- + Compatible with any military helmets
- + Improved integration with corrective vision systems
- + Fits with tactical gear and body armor
- + Ergonomic design based on 3,000+ soldier scan data