CBRN GAS MASKS

K10

CBRN Gas Mask — Dual Canister NATO Triptych D103 · CE 2016/425/EU · ProQares / TNO

MODEL · K10



OVERVIEW

NATO-validated protection with a dual canister system and single panoramic visor.

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 — Korea's next-generation standard-issue gas mask — engineered to exceed the requirements of NATO Triptych and to suit future battlefield environments. The dual canister system minimises breathing resistance, while the low-profile design prevents snagging and enhances weapon compatibility.

50%	D103	S–XL
lower inhalation resistance vs. single canister	NATO Triptych validated (ProQares / TNO)	four face-piece sizes

FUNCTIONS / FEATURES

06 FEATURES

01

Dual Canister System

Reduces inhalation resistance by 50% compared with a single canister. Low-profile twin design prevents snagging and interference with weapon stocks; also accepts a single CBRN canister with DIN 40 thread.

02

Single Panoramic Visor

Wide field of vision for situational awareness. Flexible, scratch- and impact-resistant, and integrates with gun sights and night-vision equipment.

03

6-Point Head Harness

Aramid mesh harness keeps structural integrity under heat, distributes pressure evenly and uses a quick-release buckle for rapid donning.

04

Hydration System

Self-locking high-flow drinking system with external lever. Compatible with canteens and backpack hydration systems while maintaining the seal.

05

Communication Module

External port beneath the exhalation valve for voice amplifiers and radio cables, plus an internal port for direct microphone integration.

06

Compatibility

Fits military helmets, tactical gear and body armour. Ergonomic design based on scan data from more than 3,000 soldiers.

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10

K10 CBRN Gas Mask — Dual Canister

SPECIFICATION

K10

TECHNICAL SPECIFICATIONS

Mask material	Butyl rubber
Visor	Polyurethane
Weight	**445** g (face-piece, size M)
Vision Field Score (VFS)	**101** — NIOSH CBRN APR standard
Available sizes	S, M, L, XL
Certification	CE — PPE Regulation 2016/425/EU, Module B (Certificate CE 790617)

BREATHING RESISTANCE — FACE-PIECE & CANISTER (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

NATO validation history: independent system-level testing by ProQares (TNO), Netherlands. Meets all relevant requirements of NATO Triptych AC/225-D103 (revised).

PRODUCT DETAILS

05 VIEWS



02 Single Panoramic Visor



03 6-Point Head Harness



04 Hydration System



05 Communication Module



06 Compatibility

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