

HMK150™

THE INTEGRATED RIOT CONTROL SYSTEM



SCHUBERTH



Air Purifying Respirator

AVON
PROTECTION

HMK150™

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PROVIDING COMPLETE HEAD & RESPIRATORY PROTECTION

The HMK150 combines two leading edge products, Avon Protection's HM50 respirator and Schuberth's P100 N Crowd Control Helmet. It provides users with a simple, rapid donning system for head and respiratory protection within a crowd control and public order environment.

The system has been designed specifically to meet the requirements of the Technical Guidelines for Modular Systems – Protective Helmet, Communication System, Respirator Mask from the Technical Commission at the Police Management Academy, Research and Development Office for Police Engineering in Munster, dated February 2011.

CE Certifications

HM50 Full Face Respirator: type-examination approval, PPE Regulation (EU) 2016/425, Module B Certificate CE 717106.

HMK150: Certified to the German Federal and State Police Technical Directive (TR) February 2011, for a Modular System – Protective Helmet, Communication System, Respirator Mask.



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DONNING

- HMK150 enables the respirator to be donned without removing the helmet ensuring head protection at all times.



USER COMFORT

- Lightweight with a slim profile – ensures mask is comfortable over long periods in the field
- Quick donning in under 9 seconds
- 3 sizes providing secure and comfortable fit for all facial shapes and sizes
- Compatible with a range of riot gear
- Compatibility with helmets and CBRN protective clothing is improved due to the low profile, close contour brow, flat buckles and extended chin flap
- Filter canisters are side mounted on either left or right side minimising interference and allowing improved capability for shoulder mounted devices
- The chloro-butyl/silicone blend face piece material ensures the mask is not only high in protection but also provides a better seal and is more comfortable to wear for extended periods
- High flow fail safe drinking device, allows connection to either a canteen or bladder type hydration system

UNIQUE VISOR TECHNOLOGY

- Unique polyurethane visor is highly flexible plus scratch and impact resistant
- Fully optically correct across the whole field of view
- Panoramic visor design gives excellent field of vision and wearer recognition whilst greatly enhancing compatibility with weapon sights
- Clear outserts for extreme environments
- The Vision Correction System allows prescription lenses to be mounted inside the mask
- Sunlight outserts for high intensity light situations
- Blueblocker outserts deliver sharper images by filtering out specific light wavelengths

AIR FLOW MANAGEMENT

- Heat build up minimised
- Low inhalation resistance
- Low re-breathed carbon dioxide
- Excellent de-mist properties

SPARES

- Easy to maintain with simple access to key spare components such as valves

ACCESSORIES

VISION

The unique design allows for prescription lenses to be fitted to the mask ranging from -8 to +10 Diopters in power. Flexible design allows assembly to fold inside the mask and lens height can be easily adjusted without need for special tools.



Clear Outsert



Blueblocker Outsert



Sunlight Outsert



Mirror Outsert



Vision Correction Assembly

COMMUNICATION



Projection Unit and Microphone Assembly

SORAGE & CARRIERS



Universal Carrier

HYDRATION



Water Canteen










Camelbak CBR50i

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PIOON Helmet Features 	Helmet Sizes		P100 Modular System
<p>Outer shell Multi-layer flame-resistant aramid fabric with special self-extinguishing lacquer, integrated push-button fasteners for direct adaptation of the HM50P mask or a chin/mouth guard. 3 different shell sizes for maximum comfort.</p> <p>Inner shell Special EPS inner shell for optimised shock absorption properties.</p> <p>Inner lining Anti bacterial, flame-retardent lining of Nomex® fabric, removable and suitable for cleaning, excellent comfort.</p> <p>Retention system 3-point chinstrap of Nomex® fabric with integrated neck strap, Micro-Lock Ratchet Fastener, emergency release (survival buckle), chinstrap pad of flameretardent Nomex® fabric.</p> <p>Visor Clear, 4 mm polycarbonate, with Anti-Fog coating.</p> <p>Neck protection Penetration-resistant with 4-layer nylon insert, PU-Kevlar® covering.</p> <p>Weight Approx. 1.500 – 1.900g.</p> <p>Wearing aid Helmet integrated D-ring.</p> <p>Accessories Chin/mouth guard including emergency release system, homologated with HM50 protective mask system, carrying bag for helmet, communication systems, tinted visor, Pinlock® visor (double-lens-system), individual padding set, camouflage covers.</p>	SCHUBERTH Helmet Sizes	Alpha Helmet Sizes	 Visor  Neck protection  Chin/mouth guard  Communication systems  Lacquer types  Respiratory masks
	46/47	XXXXS	
	48/49	XXXS	
	50/51	XXS	
	52/53	XS	
	54/55	S	
	56/57	M	
	58/59	L	
	60/61	XL	
	62/63	XXL	
	64/65	XXXL	
	66/67	XXXXL	



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