

# HYBRID PATRIOT 5510®

## CBRN HYBRID LIFE SUPPORT SYSTEM



### PRODUCT OVERVIEW

Wilcox is proud to design and manufacture this state-of-the-art life support system. With exclusive 5500 psi bottles and an unprecedented 10 year warranty, the Hybrid PATRIOT 5510 offers responders four breathing modes – SCBA, PAPR, APR, and SAR. The Hybrid PATRIOT 5510 is the next generation in hybrid life support systems offering innovative electronics, equipped for CBRN environments, improved monitoring capability, revolutionary power supply system, and world class breaching/cutting torch options.

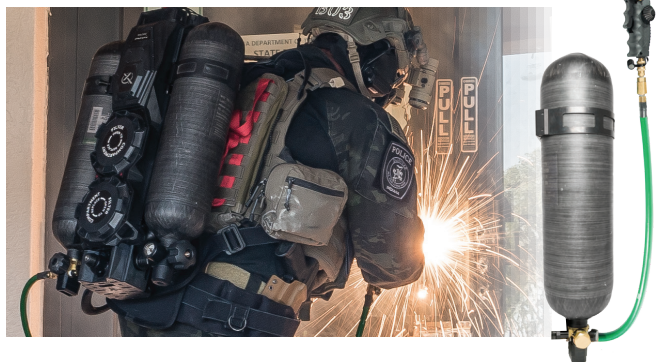
### FEATURES & BENEFITS

- CBRN Dual-Mode Apparatus BS 8468-5:2011 certified
- Dual 5500 PSI (379 Bar) Cylinder (60 minutes of SCBA air)
- Battery Speed Loader (CR123 battery)
- Ergonomically Balanced Lightweight Backpack Carrying System
- First Responder Respirator (FRR) Gas Mask
- 2 Scott CBRN Cap1 Filters
- Improved Monitoring Capability
- Revolutionary Power Supply System
- Configurable for Subterranean CONOPS
- True Low Pressure SAR Line Rescue Capability
- Situational Awareness Electronics Package
- Interoperable with Commercially Available Air Fittings
- Quick and Stress Free Maintenance Requirements

### OPTIONAL FEATURES

- Breacher's Kit: Exothermic Cutting Torch
- VIP & Escape Solutions
- Quick Response 30min SCBA System w/o 5510 chassis

### BREACHER'S KIT



IN PARTNERSHIP WITH: **blueforce**  
DEVELOPMENT



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## AVAILABLE CONFIGURATIONS



### RESPONDER I CONFIGURATION

- Single 5500 PSI or 379 bar cylinder Rescue Cylinder (30 min) with integrated first stage regulator
- Emergency Breathing Support System (EBSS)
- Battery Speed Loader
- Chemically Hardened Chassis
- Adjustable Lightweight Backpack Carrying System
- 2 SCOTT CBRN CAP 1 Filters
- SCOTT FRR Gas Mask



### RESPONDER II CONFIGURATION

- Single 5500 PSI or 379 bar cylinder [capable of providing 30 minutes of SCBA air]
- Single 5500 PSI or 379 bar cylinder Rescue Cylinder (30 min) with integrated first stage regulator
- Emergency Breathing Support System (EBSS)
- Battery Speed Loader
- Chemically Hardened Chassis
- Adjustable Lightweight Backpack Carrying System
- 2 SCOTT CBRN CAP 1 Filters
- SCOTT FRR Gas Mask



### RESPONDER III CONFIGURATION

- Single 5500 PSI or 379 bar cylinder [capable of providing 30 minutes of SCBA air]
- Single 3000 PSI Oxygen cylinder with Hellboy™ exothermic cutting torch (sold separately)
- Emergency Breathing Support System (EBSS)
- Battery Speed Loader
- Chemically Hardened Chassis
- Adjustable Lightweight Backpack Carrying System
- 2 SCOTT CBRN CAP 1 Filters
- SCOTT FRR Gas Mask

### PPE & PED CERTIFICATION

The Hybrid PATRIOT 5510 has been tested and approved to operate in accordance with multiple standards and technical specifications (variance approvals) to Annex II of Regulation (EU) 2016/425, and assessed and certified to PED 2014/68/EU utilizing Module B – EU Type Examination (Production Type) certificate no. CE 672424 and Module D – Production Quality Assurance certificate no. CE 672426. The Hybrid PATRIOT 5510 has been tested and certified to operate in Chemical, Biological, Radiological and Nuclear (CBRN) defense environments by the British Standards Institution (BSI) and has been live agent tested and approved for use.

**CE 672424**    **CE 672426**    **CE 0086**

PART NUMBER	DESCRIPTION
60001G04	HYBRID PATRIOT 5510 - 5500 PSI - SINGLE AIR
60001G05	HYBRID PATRIOT 5510 - 379 BAR - SINGLE AIR
60015G01	BATTERY SPEED LOADER CR123
60016G02	FRR MASK INTERFACE
60019G01	ASSEMBLY - DECON FILTER ADAPTER
60020G01	CYLINDER - PATRIOT 5510 RESCUE 5500 PSI
60020G21	CYLINDER - PATRIOT 5510 RESCUE 379 BAR
60020G02	CYLINDER - PATRIOT 5510 5500 PSI
60020G22	CYLINDER - PATRIOT 5510 379 BAR
60020G06	RESCUE WHIP
60020G13	CYLINDER TORCH - PATRIOT 5510 3000 PSI
60020G23	CYLINDER TORCH - PATRIOT 5510 200 BAR
60022G01	CHARGING ADAPTER - 379 BAR
60022G02	CHARGING ADAPTER - CGA347
60000G06	CONTAINER - HYBRID PATRIOT 5510 STORAGE CASE

