

ILC Dover Sentinel XL®

One PAPR, Two Missions (HP and CBRN)

The Sentinel XL HP can be readily converted to support hospital decon operations by purchasing a CBRN conversion kit.



Sentinel XL HP Kit

Sentinel XL CBRN Kit

Sentinel XL Special Features

- Available with multiple head cover/full hood options to support your specific protection needs. All hoods/head covers are latex free.
- Conversion Kits are available and provide all the necessary components to allow conversion to a CBRN configuration appropriate for hospital decon teams or for work with industrial chemicals.
- Ergonomic, easily cleaned Quick-Loc belt comfortably supports the blower and provides tactile feedback upon blower engagement.
- Integral battery pack eliminates snagging potential and improves deconability
- Low voltage alarm (audible and visible) for increase safety
- Comes with your choice of 2 battery configurations
 1. NiMH and charger
 2. Unique alkaline battery pack option lets you use standard D cell batteries
- All Sentinel XL products are NIOSH approved
- Easy to attach HEPA filters, OV/AG/HE filters, and CBRN cartridges to support your protection requirements



The Sentinel XL® HP Complete System Includes

- Blower with low battery visual and audible alarm
- Flow meter
- HP Breathing tube (33 inches)
- 2 Hepa filters and 1 plug
- Comes with your choice of 4 hoods options (see page 3)
- Comes with your choice of 2 battery configurations
 1. NiMH and charger
 2. Unique alkaline battery pack option lets you use standard D cell batteries

Sentinel XL® HP *Four (4) Hood Options*



HP Head Cover (White)

Assigned Protection Factor: 25

- Offers 2.5x protection over N-95s — no fit testing required
- Single size head cover eliminates need to buy and stock multiple sizes
- Compatible with stethoscopes
- Secure threaded breathing tube connection



NEW EZ BioHood™

Assigned Protection Factor: 1,000

- Offers 100x protection over N-95s —no fit testing required
- Easy to Clean because of its unique barrier film construction
- Adjustable up to 5 sizes in 1 single-size product
Reduces logistic burden of carrying multiple sizes
- Easy-to-Store. compact, lay flat design frees storage space by 50%
- Comfortable to Wear for Long Operations
- Breathable loose fitting neck cuff
- Internal head band provides good stability
- Provides ability to use stethoscope
- Features a wraparound Clear Visor for superior visibility



Sentinel XL Clear Hood

Assigned Protection Factor: 1,000

- Offers 100x protection over N-95s —no fit testing required
- Unique Clear Hood provides 320 degree field of view, increased safety and comfort
- No internal hood suspension system — increased comfort
- Adhesive tab system keeps hood in place
- Accommodates most head, hearing and eye protection
- Unique Skirt/exhaust system fully inflates suit to deliver improved protection and comfort



Sentinel XL BioShield Full Hood

Assigned Protection Factor: 1,000

- Offers 100x protection over N-95's — no fit testing required
- Specifically designed to support healthcare workers in Ebola patient suites
- Taped seam construction
- Internal and external skirt interfaces with most protective suits
- Excellent hood stability and fit supports a range of operations
- Skirt/exhaust system fully inflates suit to deliver improved protection and comfort

Sentinel XL® CBRN Conversion Kit



Complete Sentinel XL HP System



CBRN Conversion Kit

The Sentinel XL CBRN Conversion Kit Includes:

- Unique lay-flat butyl hood assembly with integrated breathing tube
- 3 CBRN filter cartridges
- CBRN Cap 2 User's Manual

About the Sentinel XL CBRN Complete System



*Complete Sentinel XL CBRN
Back-pack Bag System*



*Complete Sentinel XL CBRN
Duffle Bag System*

The Sentinel XL CBRN powered air purifying respirator (PAPR) system is specifically designed for the emergency preparedness DECON team wearers. As a NIOSH approved loose fitting CBRN PAPR it's specifically been tested to withstand the harshest threats.

Single rugged system with blower platform supports DECON operations and Infectious Disease application such as:

- Military warfare agents
- Biologic threats
- Industrial chemical threats
- Nuclear particulate threats

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Specifications

Sentinel Blower

Material:	Rugged, sealed nylon protective shell, with floating polycarbonate internal blower assembly — dual chamber provides enhanced durability
Weight:	1.0 lb (without battery)
Flow Rate:	>230 lpm for HP hood systems
Noise Level:	<75 dB
Low Voltage Alarm:	Flashing LED and buzzer
Cartridge interface:	40 mm (military/NATO style) integration with integral blower gaskets

Filters

Protections:	HEPA and OV/AG/HE
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Rechargeable Battery Pack

Composition:	Standard NiMH
Configuration:	Sealed external cover with blower connector
Battery mount:	Direct snap-on to blower
Weight:	1.65 lbs
Nominal Life:	8 hours
Charge/Discharge Cycles:	Approximately 500
Recharge Time:	5 hours

Alkaline Battery Pack

Configuration:	Internal receptacles hold D cell batteries with external sealed cover
Battery mount:	Direct snap-on to blower
Weight:	1.95 lbs
Nominal Life:	10 hours (per five Duracell® batteries)

Charger

Type:	AC/DC for sealed NiMH Battery
Current:	2 amps
Voltage:	6 volts
Charge Type:	Auto-switch to trickle charge
Feedback:	Red/green LED

**Optional LiMnO2 Battery Pack Available*