ADVANCED PROTECTION
ILC Dover is a recognized leader in the design and delivery of high-performing softgood solutions for perilous environments. What we do for astronauts working and living in space we continue to do for pharmaceutical personnel and life science professionals.

ILC Dover’s Sentinel Clear™ Hood, combined with its XT blower, is a best-in-class powered air purifying respirator (PAPR) that delivers an Assigned Protection Factor (APF) of 1,000 for a full 12 hours of operation. It’s the clear choice for pharma in-house manufacturing and contract manufacturing organizations that must safeguard employees from airborne particles, cleaning solvents, and bioactive ingredients.

ENHANCED PRODUCTIVITY
The Sentinel Clear PAPR is a superior solution when compared to other PAPR masks and facepieces. It offers a full 320-degree field of view, allows the wearer to have facial hair and/or a head covering, and reduces feelings of claustrophobia.

SMART SYSTEM DESIGN
Multiple filter and breathing tube options ensure that the assembly is easy to use and supports a range of applications.

STRONG, LIGHTWEIGHT BLOWER
The XT blower, when paired with ILC Dover’s lithium polymer battery, weighs just 2.2 pounds, yet delivers 8+ CFM airflow, exceeding NIOSH requirements. A nonincendive configuration is available for use in hazardous locations.

IMPROVED ERGONOMICS
Our back harness and Quick-Loc™ belt options support a range of user needs and preferences while increasing comfort and usability.
Protection Beyond Boundaries.

You may know ILC Dover for our pharmaceutical containment, but we bring the same commitment to quality and expertise to personal protective equipment. ILC Dover’s Sentinel Clear™ Hood, combined with its XT blower, is an advanced PAPR providing excellent levels of protection and comfort to pharmaceutical and life sciences workers.

TECHNICAL SPECIFICATIONS

SENTINEL CLEAR HOOD

- Assigned Protection Factor: 1,000
- Field of View: 320 degrees
- Configuration/design: Inner and outer bibs for easy donning and protection from breach — unique skirt/exhaust system inflates suit to deliver improved protection and comfort
- Material: Non-woven, spunbond, polyethylene coated, polyolefin and polyethylene film
- Lens Material: Polyester film (PET)
- Sizing: Universal
- Standards: NIOSH-approved

SENTINEL XT BLOWER/BATTERY

- Motor: Brushless, no-spark design, with a high torque-to-weight ratio for greater operating efficiency
- Battery Composition: Lithium polymer
- Battery Life: 12 hrs
- Battery Mount: Direct snap-on to blower
- Weight: 2.2 lbs
- Airflow: 8 scfm (230 lpm)
- Noise Level: <75 dB
- Indicators: External battery life indicator gauge shows charge level
- Cartridge Interface: 40 mm rolled threads — integration with integral blower gaskets
- Standards: XT/NI system is Factory Mutual Global Group approved for service in Class I, II and III, Division 2, Group C, D, E, F and G hazardous locations

FILTERS

- Particulate Protection: P100/HEPA cartridges
- Organic Vapor and Acid Gas Protection: OV/AG/HE cartridges
- Additional Protections: Multi-hazard cartridges provide protection against ammonia, methylamine, formaldehyde, chlorine, sulfur dioxide, hydrogen chloride, chlorine dioxide and hydrogen fluoride
- Attachment: 40 mm

ACCESSORIES

- Breathing Tubes: 25- and 33-inch lengths — available with breathing tube and blower covers
- Battery Charger: Charging cradle/charger
- Flowmeter: Easy-to-use flowmeter to test airflow
- Ergonomic Options: Quick-Loc decon belt is easy to use and clean — adjustable back harness ideal for seated applications

TALK WITH OUR PROTECTION EXPERTS

ILC Dover maintains an uncompromised commitment to environmental health and safety, and we look forward to collaborating with you to keep your workers safe and comfortable. To place an order or request a demo, contact us today — and be sure to request ILC Dover’s Sentinel Clear PAPR for your pharmaceutical protection needs.