WELL-SUITED FOR SAFETY
ILC Dover designed the spacesuits for the Apollo mission, and we continue to outfit the current generation of astronauts. All of that experience and expertise goes into our Sentinel XT Clear™ powered air-purifying respirator, designed especially for the pharmaceutical industry.

**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.

WELL-SUITED FOR PRODUCTIVITY
The Sentinel XT 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.
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, as well as in 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, methylene, formaldehyde, chlorine, sulfur dioxide, hydrogen chloride, chlorine dioxide and hydrogen fluoride
- Attachment: 40 mm

ACCESSORIES
- Breathing Tube: 19 inch extendable flexible breathing tube — available with disposable breathing tube 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

NEW - 19” EXTENDIBLE, FLEXIBLE BREATHING TUBE
- One size fits all – Extendable from 19” fully compressed to 48” completely extended.
- Completely flexible, lays flat.
- Made using thermoplastic polyurethane allowing for pliability so the tube can move with you during rigorous processes.
- Disposable breathing tube covers can be installed for easy cleaning.
- Latex Free and hypoallergenic

WELL-SUITED FOR PHARMA

ILC Dover may not be a household name in the pharmaceutical industry, but discerning manufacturers have trusted our products for years, both for containment and for personal protection. We’ve earned this trust by designing highly engineered solutions that perform reliably when failure is not an option. Explore below to see how the Sentinel XT Clear™ system is well-suited for pharma.

NEW