



SENTINEL CLEAR XE™

WELL-SUITED FOR PHARMA

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 XE Clear™ powered air-purifying respirator, designed especially for the pharmaceutical industry.

ILC Dover's Sentinel Clear™ Hood, combined with its XE blower, is a best-in-class powered air purifying respirator (PAPR) that delivers a TH3 level of protection per EN 12941. It's the clear choice for pharma in-house manufacturing and contract manufacturing organizations that must safeguard employees from airborne particles.

WELL-SUITED FOR PRODUCTIVITY

The Sentinel XE PAPR with Clear Hood is a superior solution when compared to other PAPR masks and facepieces. The clear hood 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 and facilitates user recognition..

STRONG, LIGHTWEIGHT BLOWER

The XE blower, when paired with ILC Dover's lithium polymer battery, weighs just 1 kg, yet delivers 220 LPM airflow for a full 12 hours.

IMPROVED ERGONOMICS

With no internal suspension or headband, the clear hood delivers superior comfort for long wear times. Our back harness and Quick-Loc™ belt options support a range of user needs and preferences while increasing comfort and usability.



The Sentinel Clear XE system is the only PAPR that offers a clear hood engineered with advanced film technology for excellent visibility, comfort, and mission-critical protection. Think of it as a spacesuit for pharma.

WELL-SUITED FOR PHARMA

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 XE blower, is an advanced PAPR providing excellent levels of protection and comfort to pharmaceutical and life sciences workers.

TECHNICAL SPECIFICATIONS

SENTINEL CLEAR XE SYSTEM MODEL S-3500	Approved to EN 12941/A2:208 TH3 P R SL. TH3 is the highest level of protection and performance available under this certification. RoHS compliant per 2011/65/EU.
--	---

SENTINEL CLEAR HOOD

Field of View	320 degrees
Configuration/design	Inner and outer bibs for easy donning and superior protection — unique skirt/exhaust system inflates protective suit worn with the PAPR to deliver improved protection and comfort
Material	Non-woven, spunbond, polyethylene coated, polyolefin and polyethylene film
Lens Material	Polyester film (PET)
Sizing	Universal

SENTINEL XE BLOWER/BATTERY

Motor	Brushless, no-spark design, with a high torque-to-weight ratio for greater operating efficiency
Battery Composition	LiPolymer (LiPo) Battery Pack P/N S-3503 is approved to EN 62133-2:2017, Safety requirements for portable sealed secondary cells
Battery Life	12 hrs
Battery Mount	Direct snap-on to blower
Weight	1 kg
Airflow	220 lpm
Noise Level	<70 dB
Indicators	External battery life indicator gauge shows charge level
Cartridge Interface	40 mm rolled threads — integration with integral blower gaskets
Safety Alarms	The blower continuously monitors airflow and includes visual and audible low flow/low voltage alarms to enhance wearer's safety.

FILTERS

Particulate Protection	P R SL indicates this system is approved with a reusable particle filter for both solid and liquid particles, and meets TH3 levels of protection per EN 12941
Attachment	40 mm

ACCESSORIES

Breathing Tubes	Standard single, one size fits all — 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



SUIT UP! SCHEDULE A DEMO WITH ONE OF OUR 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 learn more or to request a demo of the Sentinel Clear XE PAPR system, contact us today — and see firsthand why pharmaceutical manufacturers have trusted ILC Dover for more than 2 decades.



ILC Dover LP
100 Discovery Blvd, Suite 1001
Newark, DE 19713 USA
+1.302.335.3911
+1.800.631.9567
customer_service@ilcdover.com

www.ilcdover.com

© 2021 ILC Dover. All rights reserved.

MKT_0292 EU