



SCape®  
CO/CBRN30



## A Better Solution for Those Who Need to Be Better Prepared

### POWERED PROTECTION

ILC Dover's spacesuits and powered air-purifying respirators are designed to deliver high-performing protection. Our SCape® CO/CBRN30 system has the same distinguished pedigree. As the only NIOSH-approved air-purifying escape respirator with a powered ventilation system, SCape provides 30 minutes of protection from carbon monoxide, chemical, biological, radiological and nuclear contaminants.

In life-threatening emergencies, SCape users enjoy a panoramic field of view and can perform a wide range of critical tasks, such as using a cell phone or mobile radio. The system's battery-operated blower provides positive airflow inside the respirator hood, eliminating the sense of claustrophobia, reducing panic, and allowing the wearer to stay in complete control.

### RAPID DEPLOYMENT

Individuals responding in emergency situations must be able to react quickly and calmly if they are going to escape themselves — and help others who may be having difficulty. The SCape CO/CBRN30 system was designed with rapid response in mind.

### CONSOLIDATED STORAGE

Each SCape CO/CBRN30 respirator is stored in its own easily opened, sealed container, and all parts of the SCape respirator are integrated into one assembly. Individual respirators can be safely stored in their containers — in cabinets, drawers, on shelves or in bins distributed throughout a facility.

### INSTANT ACTIVATION

The SCape respirator uses an integral blower to provide air and keep the clear hood inflated. The blower is activated automatically when the unit is removed from its container, so no additional steps are required for activation once it is in place.

### EASY DONNING

The SCape system can be donned quickly and fluidly by opening the neck dam and then drawing it over the head. Once in place, the neck dam automatically adjusts to the wearer, creating a tight, comfortable seal.



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# Better Protection. Better Fit. Better System.

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## TECHNICAL SPECIFICATIONS

### SCAPE CO/CBRN30 SYSTEM

Certifications/Compliance	NIOSH CBRN Air-Purifying Escape Respirator — only CAP 2 (30 minute) approved system with CO protection
Shelf Life	5 yrs
Storage	Self-contained in sealed container — easily stowed in/on cabinets, drawers, shelves or bins

### ESCAPE HOOD

Protection	Average laboratory respiratory level (LRPL) 50,000 in breathing zone vs. 2,000 NIOSH requirement
Inhalation Resistance	Average 5.1 mm H <sub>2</sub> O vs. 50 mm H <sub>2</sub> O NIOSH requirement — easy to use, easy to breathe
Material	High performance polyolefin/barrier laminate
Sizing	Universal — comfortable one-size neck seal; hood easily accommodates glasses, beards, long hair — <b>No fit testing required</b>
Adjustment	No nose cup or adjustment straps necessary
Visor	Clear hood and large visor—360-degree panoramic field of view
Exhaust System	Exhaust valve regulates/maintains positive pressure within the hood

### BLOWER

Material	Integral polycarbonate blower assembly with automatic actuation
Flow Rate	64 lpm clean filtered air delivered to the wearer

### FILTER

Canister	Advanced carbon layering technology incorporating catalyst and P100 particulate filtering media
Duration	30 minutes of NIOSH verified protection
Protections*	30 minute protection against carbon monoxide, plus protection against mustard (HD) vapor, mustard (HD) liquid, sarin (GB) vapor, as well as a number of chemicals, including ammonia, benzene, chloride, hydrogen cyanide, hydrogen sulfide and phosgene*

\*See ILC Dover's online Technical Library for the SCape® Expanded Chemical Chart



## READY TO ORDER OR SCHEDULE A DEMO?

Contact your Thomas Scientific representative today - and be sure to request ILC Dover's SCape® CO/CBRN system for your emergency preparedness needs.



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