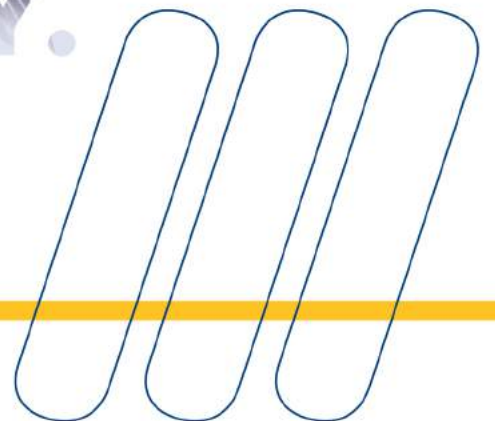




**OUR
EXPERTS,
YOUR
SAFETY.**

Supergum CBRN



ADULT PROTECTIVE HOOD



Civilian
Protection
Innovation



General Description

The Adult Protective Hood is a new concept in civilian respiratory protection against NBC hazards. The hood provides a high degree of reliable protection and physical comfort, regardless of facial structure or manual dexterity. The hood is designed for individuals aged 13 years and above.

Main Features & Advantages

User comfort: The hood is made of soft flexible laminate that seals around the user's neck.

Vision clarity: The hood is integrated with a large polycarbonate visor, thus permitting clear, undistorted vision.

The nose-cup is tightened and positioned on the face using the two diagonal straps and quick release buckles on the back of the hood.

The front visor is equipped with a standard thread, for attachment to either a standard NBC filter or a flexible hose that can be used with a blower to produce overpressure.

Reliable protection: The hood becomes a positive pressure system through the attachment of a blower (IMP 2005), supplying air up to 45 L/minute. This significantly improves protection and physiological comfort.

Optimal coverage: The hood can be worn over eyeglasses and beards.

Items: The system consists of a head covering, a blower (IMP 2005) and a filter.



INFANT & CHILD SHIELD HOOD



Child Safety at
Top Priority



General Description

The infant & Child Shield Hood is a respiratory protection system with a toy-like appeal, which is designed specifically to keep infants and children safe from airborne threats.

The Infant & Child Shield Hood system is manufactured and tested in accordance with the specifications of the Israel Defense Forces and Ministry of Defense, and was provided to every newborn in Israel.



Main Features & Advantages

Supreme protection: Hood-shaped for maximum seal and positive pressured. Provides a Protection Factor of 10,000.

Powerful air-supply: Equipped with a 45 liter/minute blower for ample air supply (three times the amount breathable by a child).

One-size fits all: Fits toddlers as well as children up to 10 years of age.

User-friendly: Toy-like appeal, a wide visor for maximum field of vision, easy to don and doff, comfortable for prolonged use.

Internal drinking mechanism: Allows baby formula feeding and liquid consumption via a drinking straw.

Long shelf life: The system has a shelf life of 15 years in RT conditions (8 years).

Items: The system comes with a 45 L/min blower with a flexible hose, batteries fitted for 15 hours of continuous work and 1 standard NBC filter.



PANORAMIC RUBBER MASK



Safety Meets
Clarity



General Description

The Panoramic Rubber Mask provides a complete field of vision for increased comfort. The sealing structure around the mouth and nose ensures maximum isolation and protection.

The Panoramic Rubber Mask complies with the CE standard and the European EN 136 standard, which are parallel to the Israel Standard SI 4013/5 for NBC masks. The mask is designed to fit anyone over 13 year of age.



Main Features & Advantages

Easy to wear & adjust: Six adjustable straps ease mask wearing and simplify adjustments.

Enhanced field of view: Mask air-flow passage design prevents the accumulation of water vapor on the visor and creates a clear field of view for users.

Scratch-resistant capability: The mask visor is made from clear polycarbonate and coated with a scratch-resistant finish.

Drinking mechanism: An optional self-contained drinking tube enables users to drink from a bottle.

Items: The mask is supplied with a filter.



PADULT NBC FACE MASK WITH ACTIVE BLOWER



No Entry for
NBC Threats



General Description

The Adult NBC Face Mask with Active Blower is used to protect users' face, eyes and respiratory tracts against NBC threats. Mask manufacturing is in accordance with Israeli Defense Forces technical specifications (strictest protection system standards).

Main Features & Advantages

Strict manufacturing process: The mask is manufactured from a rubber mixture that resists chemical agent penetration.

Comfort & communication: The mask is lightweight and allows maximum comfort, effective communication, a large field of view and the ability to drink fluids during use.

Active protection: The mask can connect to an external air blower via a flexible hose using the appropriate adapters (provided separately per client requirements) and can be transformed into an active protection system.

Long shelf life: The mask has a long shelf life (up to 25 years in the original packaging).

Items: The mask is provided with a NBC filter, a liquid drinking tube, a brochure and a user's manual.



CAPS 2000



Supreme
Performance for
First Responders



General Description

This respiratory protection system is designed specifically for military and first responders, e.g. police, fire fighters and medical rescue teams involved in CBRN protection. The system offers full coverage against the most severe airborne threats, while providing the highest levels of protection and performance. The CAPS 2000 system is manufactured and tested in accordance with the specifications of the Israel Defense Forces and Ministry of Defense, and is standard equipment among Israeli military and first responders.



Main Features & Advantages

Supreme protection: Hood-shaped for maximum seal and positive pressured, CAPS 2000 provides a Protection Factor of 10,000.

Powerful air-supply: Equipped with a 100 liter/minute blower for ample air supply, suitable for performing emergency tasks.

One-size fits all: CAPS 2000 is neck-sealed and is compatible with eyeglasses, beards, etc.

User-friendly: Wide visor for maximum field of vision, easy to don and doff, comfortable for prolonged use.

Long shelf life: The system has a shelf life of 15 years in RT conditions (batteries - 8 years).

Items: The system is provided with a 100 L/min blower with a flexible hose, batteries fitted for 15 hours of continuous work, and 2 standard NBC filters. An internal drinking mechanism is also featured.



PANORAMIC HOOD FOR EVACUATION FORCES



Safe Evacuation
Starts with
PHEF



General Description

This respiratory protection system is designed specifically for military and first responders, e.g. police, fire fighters and medical rescue teams involved in CBRN protection. The system offers full coverage against the most severe airborne threats, while providing the highest levels of protection and performance. The PHEF-Type1 system is manufactured and tested in accordance with the specifications of the Israel Defense Forces and Ministry of Defense. The system is standard equipment among military and first responders.

Main Features & Advantages

Supreme protection: Hood-shaped for maximum seal and positive pressured, the PHEF-Type1 provides a Protection Factor of 10,000.

Powerful air supply: Equipped with a 100 liter/minute blower for ample air supply, suitable for performing emergency tasks.

One-size fits all: PHEF-type1 is neck-sealed and is compatible with eyeglasses, beards, etc.

C&C compatibility: The system can be integrated with communication devices to allow command and control operations.

Long shelf life: The system has a shelf life of 15 years in RT conditions (batteries - 8 years).

Items: The system is provided with a 100 L/min blower with a flexible hose, batteries fitted for 15 hours of continuous work, and 2 standard NBC filters. An internal drinking mechanism is also featured.



PROTECTIVE SUIT TYPE II



Move Easily.
Operate Safely.



General Description

The Protective Suit Type II is made from military green NBC-resistant material. The suit is designed to be worn with other protective products (mask, boots and gloves), and is intended for extended exposure to NBC agents. The Protective Suit is manufactured and tested in accordance with Israel Defense Forces specifications.

Main Features & Advantages

With a detachable head covering, the suit's body covering fits snugly to ensure protection while allowing ease of movement. The arm, leg, and torso sections have access zippers.

Available in four sizes.

An optional cooling garment is also available.

In certain quantities, the Protective Suit can come in colors other than military green.



HANDS & FEET PROTECTION



We've Got Your Hands and Feet Covered



Cat. No. 308300000

Protective Overshoes Type II

Designed to be worn over shoes, the Protective Overshoes come with an adjustable lace for easy fitting.

The Protective Overshoes are designed for prolonged use by designated NBC forces, and are manufactured and tested in accordance with Israel Defense Forces specifications.

Protective Overshoes Type I & Type II are available in several sizes.



Cat. No. 308100210

Protective Boots

Worn instead of shoes, the Protective Boots offer feet protection and act as a supplement for maximum body protection.

Principally intended for strenuous work and prolonged walking.

The boot's design enable stable walking on all surface types.

Made of strong butyl rubber, the boots provide total impermeability to chemical and biological warfare agents for at least six hours.

Available in several sizes.



Cat. No. 308100246

Protective Gloves

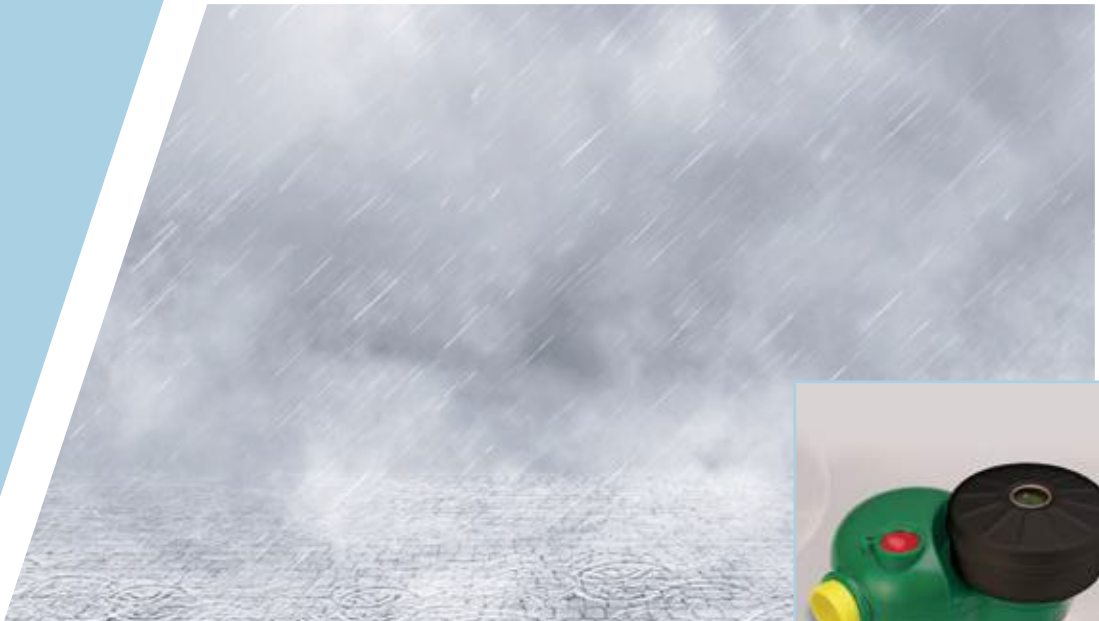
The glove set contains Rubber Gloves and Cotton-Fabric Gloves: **Rubber Gloves** Made of strong, resistant, flexible and especially thin butyl rubber that offer users both dexterity and protection. Impermeable to chemical and biological warfare agents for at least six hours. Manufactured in accordance with U.S. military specification MIL-G-43976.

Cotton-Fabric Gloves Absorb perspiration and are designed to be worn beneath the rubber glove. Soft and comfortable.

BLOWERS



Fighting
Warfare with
Overpressure



Cat. No. 019000000

Blower IMP 2005

The Blower IMP 2005 attaches to a wide range of protective respirators via a rubber hose.

The blower incorporates a versatile air-flow system that integrates with all protective respirators. The blower transforms all NBC masks into overpressure masks.

The purpose of the blower is to create overpressure within the interior of the mask, in order to prevent the entry of chemical and biological warfare agents. The blower makes it easy to breathe and enhances the comfort of using a standard rubber mask.

The blower supplies approx. 45 liters of air per minute and is powered by four lithium batteries (size 2/3A) that offer at least 20 hours of operation. The blower can also be powered by enhanced batteries that offer at least 72 hours of operation.

The blower is equipped with a monitor lamp, so that users can verify proper operation at all times. The blower can be clipped to users' clothing without limiting freedom of motion.

Simple to operate, the blower ensures correct use under all conditions.



Cat. No. 015000300

Blower for Evacuation Forces

This advanced & enhanced blower is designed for evacuation forces as well as other personnel engaged in strenuous activity.

The blower creates overpressure within the interior of the mask, thus preventing the entry of chemical and biological warfare agents.

The blower supplies approx. 100 liters of air per minute, via two personal filters. The blower is powered by 5.8 V lithium batteries for at least 15 hours of continual operation.

Made of polycarbonate, the blower is fitted with loops for suspension from a belt or a back harness; this arrangement provides maximum convenience even under field conditions.

NBC FILTER



Effective Civilian
& First Responder
Protection



General Description

The NBC Filter is made from a rigid envelope that utilizes internal layers to provide effective protection against NBC agents. The NBC Filter is designed for use by civilians as well as emergency intervention teams.

The filter is manufactured per requirements defined by IDF specifications.



Main Features & Advantages

Filter structure: Allows low resistance breathing, excellent shielding properties and high mechanical resistance.

Connectivity: The filter includes a standard thread and can be connected to protective systems manufactured in accordance with NBC standards.

Long shelf life: The filter's shelf life is over 20 years when stored in its original packaging.

Filters are provided to various protection systems, or sold separately as an accessory/replacement.



ACTIVE AIR SAMPLER



The Standard for
Threat Detection



General Description

Tracing the residual levels of chemical threat agents is of paramount importance when deciding to return affected areas to their normal routine – and especially when reintroducing evacuated populations.

Developed by the Israeli Ministry of Defense, this active sampler device is designed for sampling of very low concentrations of a wide range of hazardous materials in the air.

The device is based on a Solid Phase Extraction (SPE) tube and an air mini-pump powered by standard size "c" batteries. The SPE tube contains a polymeric sorbent with a high surface area capable of adsorbing target molecules in the air. When finished, the SPE tube can be removed and sent for analysis in a certified laboratory utilizing standard procedure for extracting target chemicals.

Main Features & Advantages

Air sampling of very low concentrations of chemical threat agents.

Fits a wide range of chemical materials.

User-friendly: Lightweight (530 grams w/batteries) and compact (160 X 110 X 45mm) for easy storage, carrying and deployment.

Straightforward interface for laymen use.

Two operational modes: Simple-to-use with two modes of operation – short (1 hour) and long (6 hours) in accordance with on-scene requirements.

Batteries: Operates with commercially available batteries (size "c").

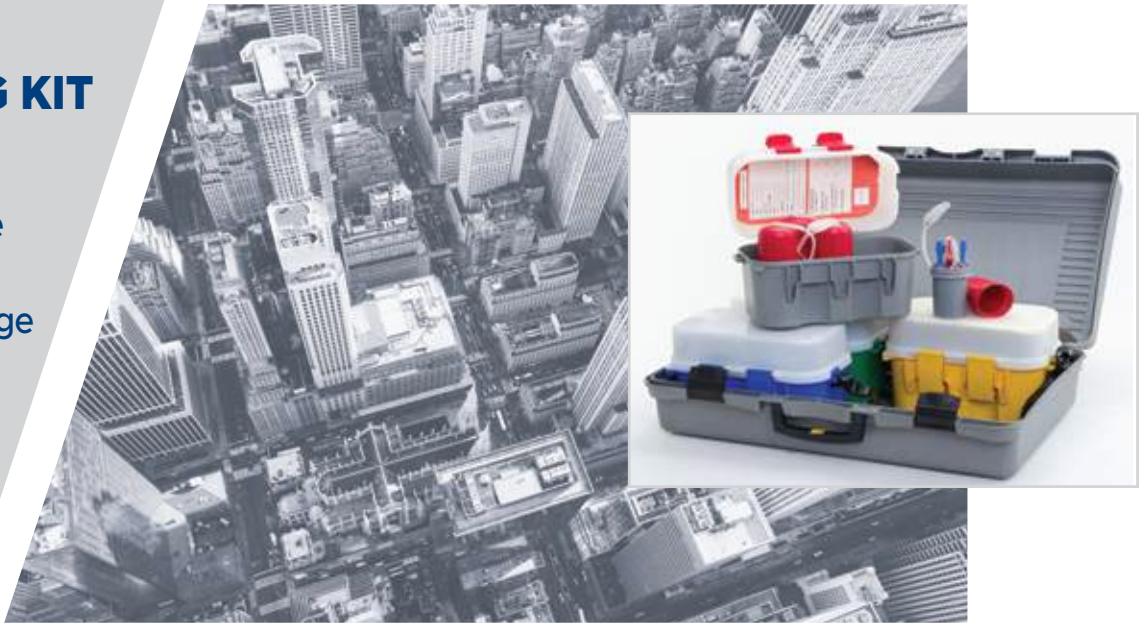
Relatively low-cost, thus fitting the requirement for wide deployment.



SAMPLING KIT



The Complete
Field-to-Lab
Sample Package



General Description

Supergum's Sampling KIT is the ultimate CBRN sampling solution available in the market. The kit provides complete sampling need coverage, while allowing swab, liquid and soil collection and transfer for laboratory analysis.

The kit was developed and approved by the Israeli Ministry of Defense to meet the technical requirements of both on-site forces and central laboratories.

The kit contains all necessary components for collecting samples and safely transporting them for analysis. The kit has four modules: Red (biological) Yellow (chemical) – contains five kits (each) for swab sampling. Blue (liquids) – contains two sampling bottles. Green (solids) – contains a shovel and a collection bag.

Main Features & Advantages

A complete package: Includes four modules for swab (chemical & biological), liquid and soil collection.

User-friendly: Simple and effective use with minimal training. Designed for users wearing cumbersome protective gear.

Lab-friendly: Designed to accommodate laboratory needs for sample quantity and quality.

Field-oriented: Manufactured from high quality materials for rigidity and durability. Suitable for all field conditions.

Documentation: Contains the necessary documentation to ensure chain of custody.



CBRN ROOM PROTECTIVE SYSTEM



Turning Rooms into Hazard-Free Zones



General Description

The CBRN Room Protective System provides ultimate protection for families and individuals (up to 6 people) located in a sealed room during war or terror attacks.

Developed by top CBRN engineers and specialists, the system uses cutting-edge technology, expertise and intellectual property to provide advanced CBRN threat protection.

The system's compactness and elegant look allows for optimal integration within conventional residential rooms. The system meets the CBRN protective systems standards and is routinely inspected by the Israeli Standard Institute.

Main Features & Advantages

Easy to operate: The system is ready for operation at all times with no need for special preparations, tools or skills.

Unified package: The system includes all necessary accessories in one integrated package.

Long lasting protection: The system provides long lasting protection for 6 people within a sealed room.

Always ready: The system can be mounted for years without examination and is fully operational when needed.

Air capacity: The system's air capacity is designed to eliminate any inconvenience for the people in the room.

Filtration stages: The system has 3 filtration stages – pre-filter for dust and heavy contamination particles, HEPA filter for particle filtration up to 99.97% and filtration of particles larger than 0.3 micron.

Carbon layer: The system includes an active carbon layer for chemical hazards.

Filtration modes: Users can choose between full filtration and dust filtration.

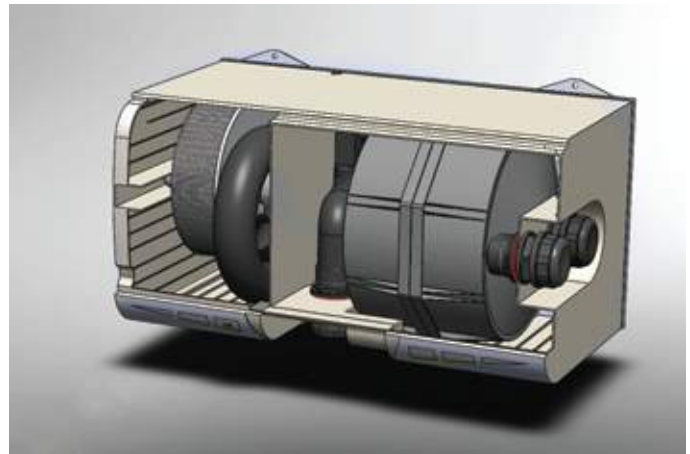
Testing: The system is tested for 100% operational performance prior to final packing.



ROOM SYSTEM

Supergum Model 365

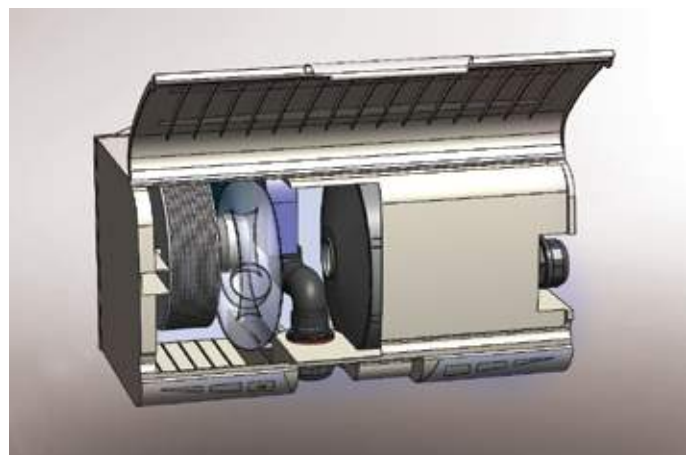
- Designed to purify “in use” warfare agents
- Blower of 36 m³/Hr
- 1 filter
- Covers 12-15 m² floor
- Clears 6 hours of contamination
- Suitable for up to 6 people within a closed area
- Wall-hung device
- Dimensions: 69L X 35H X 37D cm



Double Room System

Supergum Model 725

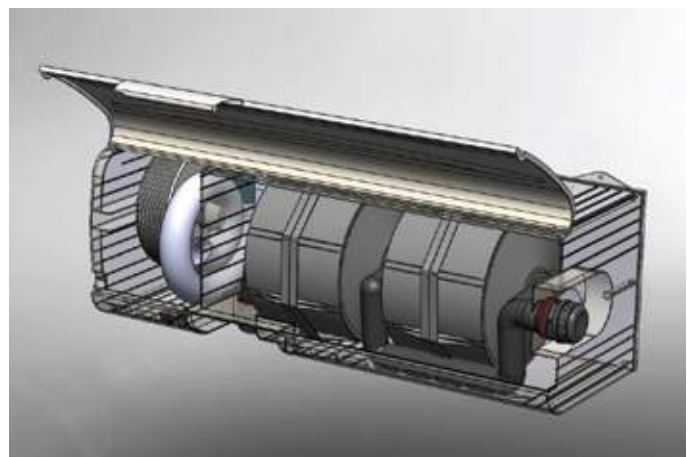
- Designed to purify “in use” warfare agents
- Blower of 72 m³/Hr
- 1 upgraded filter for 30% more efficiency
- Covers 25-30 m² floor
- Clears 4 hours of contamination
- Suitable for up to 8 people within a closed area
- Wall-hung device
- Dimensions: 69L X 35H X 37D cm



Home System

Supergum Model 965

- Designed to purify “in use” warfare agents
- Blower of 96 m³/Hr
- 2 upgraded filters for 30% more efficiency per filter
- Covers 30-40 m² floor
- Clears 6 hours of contamination
- Suitable for up to 12 people within a closed area
- Wall-hung device
- Dimensions: 94L X 35H X 37D cm



OUR EXPERTS, YOUR SAFETY.



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HLS



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