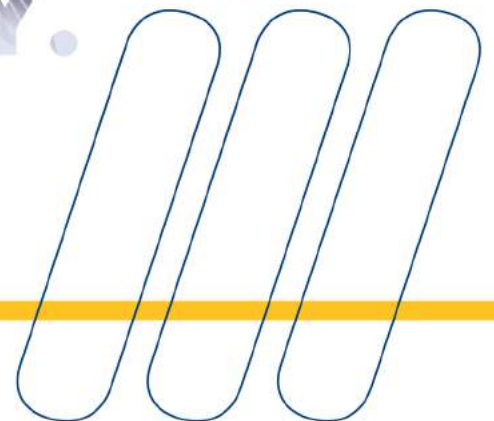




**OUR
EXPERTS,
YOUR
SAFETY.**

Supergum CBRN



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").

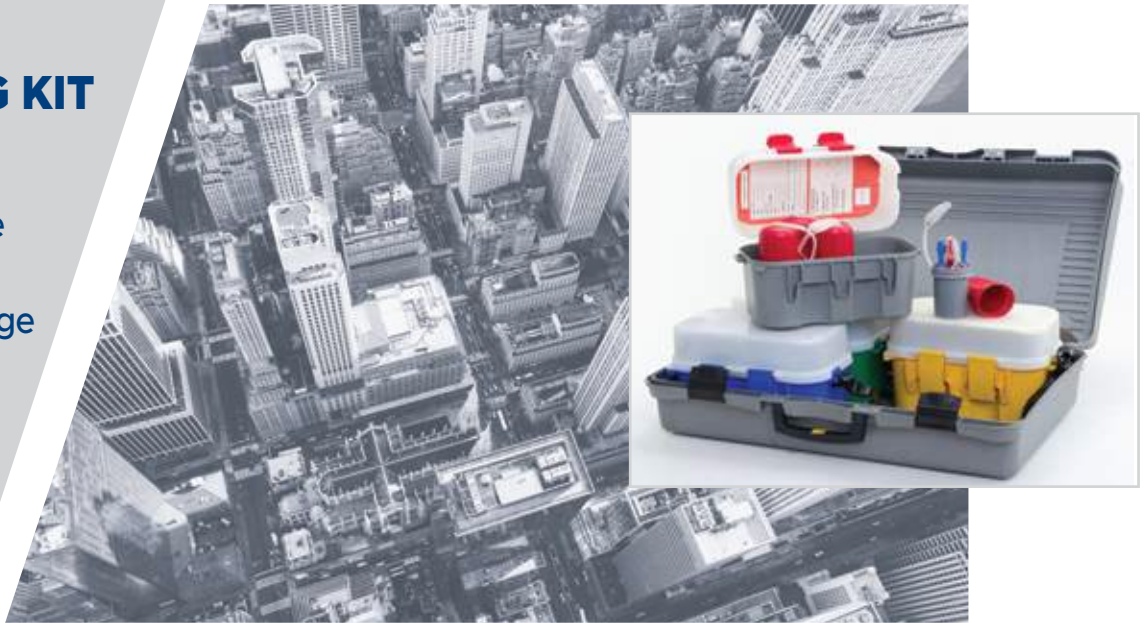
Relatively low-cost, thus fitting the requirement for wide deployment.



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.

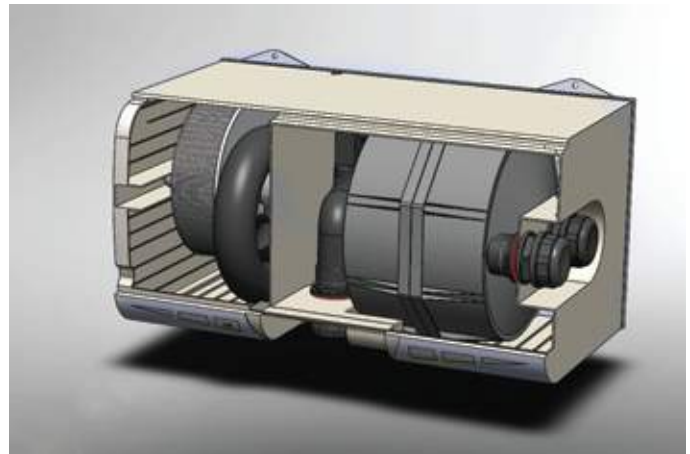
Testing: The system is tested for 100% operational performance prior to final packing.



ROOM SYSTEM

Supergum Model 365

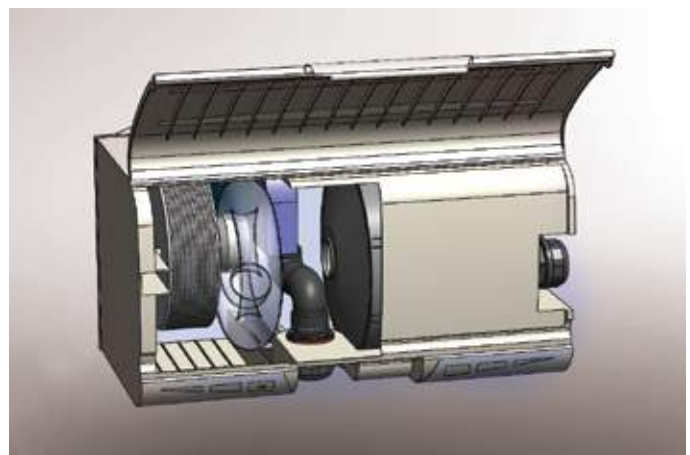
- Designed to purify “in use” warfare agents
- Blower of 36 m³/Hr
- 1 filter
- Covers 12-15 m² floor
- Clears 6 hours of contamination
- Suitable for up to 6 people within a closed area
- Wall-hung device
- Dimensions: 69L X 35H X 37D cm



Double Room System

Supergum Model 725

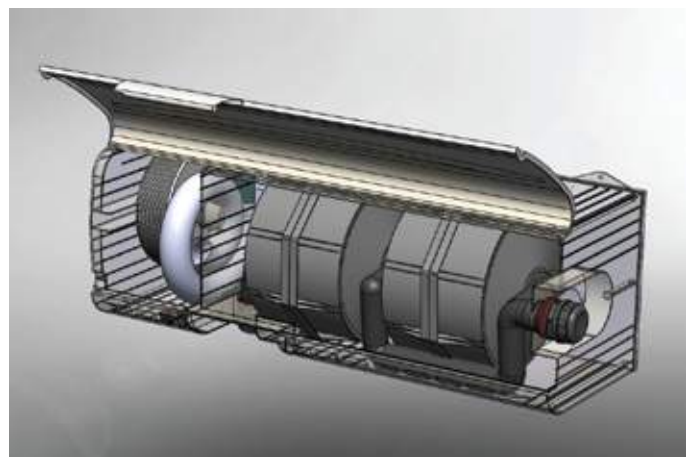
- Designed to purify “in use” warfare agents
- Blower of 72 m³/Hr
- 1 upgraded filter for 30% more efficiency
- Covers 25-30 m² floor
- Clears 4 hours of contamination
- Suitable for up to 8 people within a closed area
- Wall-hung device
- Dimensions: 69L X 35H X 37D cm



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.



Automotive



Defense



Infrastructure



Industry



Chemistry



Aerospace



HLS



Contact Us:

www.supergum.com

info@supergum.com

T. +972.3.5622333

F. +972.3.5622345

11 Shontzino Street,
67216 Tel-Aviv, Israel

Join Our Social Media:

