



SCOPE ASIA

DECONTAMINATION UNITS INFECTION PREVENTION SOLUTIONS

GENERAL INFORMATION

HYGIENE MATTERS

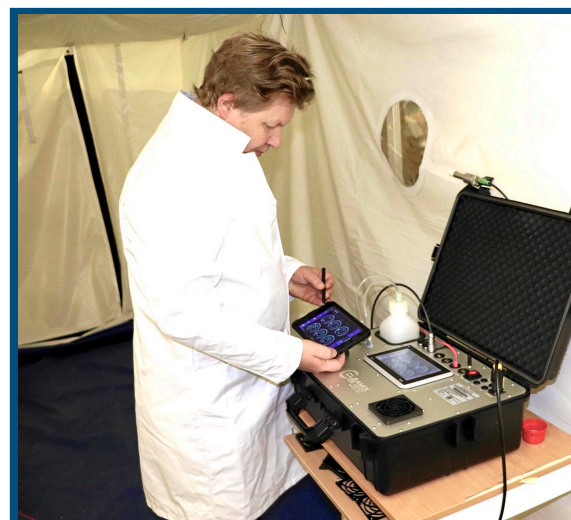
Enhanced level of hygiene is required to stop the virus epidemics and pandemics from spreading and infecting public locally and globally. Cleaning and disinfection in hospitals and clinics, means of transport, hotels, commercial and industrial buildings is essential to infection prevention. Hospital Acquired Infections are a significant and increasing problem in the healthcare sector causing infections for millions of patients globally.

Hygiene lacks especially in emergency and disaster situations and provides the spread of infectious contaminants. In disasters where sanitation is collapsed or not available the prevention of infections and deceases caused by contaminants is crucial for public health and personnel. Lack of hygiene in mobile instant clinics infects personnel and patients and acquire further hospitalization

REVOLUTIONARY SOLUTIONS

Scope Asia's infection prevention solutions disinfect and decontaminate the infrastructure (rooms, enclosed spaces, tents, vehicles), surfaces, furniture and ambient air in environments.

Our solutions are not classified as medical devices and are not intended to disinfect medical devices or in any how to be in direct contact with patients.



OUR SOLUTIONS



INNOVATIVE PORTABLE AND SCALABLE BIO-DECONTAMINATION SOLUTION

Common vaporized hydrogen peroxide H_2O_2 portable and scalable bio-decontamination unit eliminates all harmful contaminants on surfaces. High-quality product from Finland has significantly more powerful H_2O_2 generation than any other device with comparable size and weight. With a broad-spectrum activity it has a good penetration into hard to reach locations. It's environmentally friendly with a complete degeneration to harmless water and oxygen.

Exceptional portability and affordability opens up new decontamination use cases, such as:

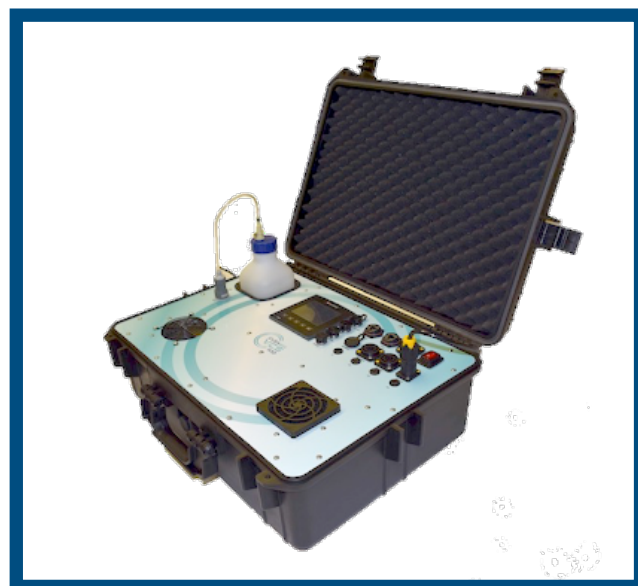
- On-demand decontamination of vehicles such as ambulances, buses and trucks
- Rapid disaster response units; decontamination of field hospitals, returned equipment and freight
- Decontamination of tools, instruments and equipment at their site of operation

HIGHLY PORTABLE

- Device is a rugged briefcase weighing just 15 kg.
- Unit uses 50% H_2O_2 aqueous solution. This makes travel and transportation a lot easier compared to 60% solution typically required by competing products (UN2014 transport category for hazardous cargo).
- High efficiency means even a 1 liter bottle of H_2O_2 solution is enough for significant decontamination volumes.
- Output efficiency is 80% better compared to other devices on the market.

SMART

- Cleamix continuously adjusts operation for a steady H_2O_2 concentration in the decontamination volume. Adjustment is real time, based on desired decontamination parameters and environmental factors. Unit also features automatic alarm and shut-off functionality.
- Unit can control external heating, cooling and de-humidifier equipment for optimal results in a wide variety of use cases.
- Multiple units can work together for exceptional scalability up to 1800 m³ of decontamination volume (room size).



EXTREMELY EFFICIENT

- Output exceeds 650 ppm/m³/min, guaranteeing decontamination of known viruses, bacteria and chemical warfare agents.
- Biggest punch in the smallest package.

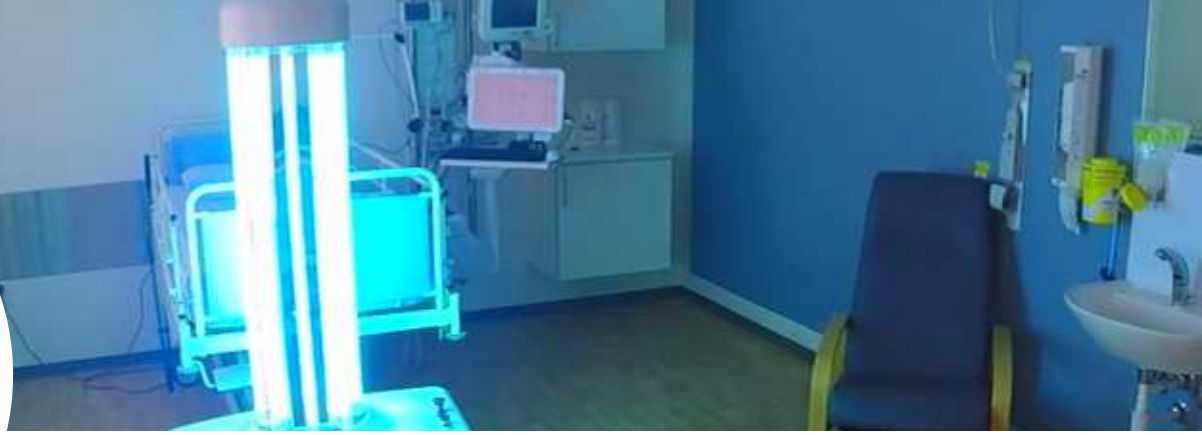
SPECIFICATIONS



INNOVATIVE PORTABLE AND SCALABLE BIO-DECONTAMINATION SOLUTION

	VCS-20-C mobile small volume unit	VCS-100-CR mobile master unit
Applications	For de-contamination purposes in cabinets and other enclosed spaces up to 20m ³	For de-contamination purposes in rooms and vehicles up to 500m ³
H₂O₂ liquid	35-60% concentration	35-60% concentration
Dimensions	465 x 360 x 175 mm	557 x 420 x 220 mm
Weight	8 kg	9,5 kg
Operating voltage	230 VAC	230 VAC
Power consumption	Max. 300 W	Max. 800 W
Fan capacity	70 m ³ /h (main fan)	110 m ³ /h (main fan) 1050 m ³ /h (catalytic converter)
Output capacity	220 ppm/m ³ /min, at 1,5 ml/min rate of 50% H ₂ O ₂ liquid	H ₂ O ₂ output rate is 1725cc/min which takes a 500 m ³ space to 600 ppm concentration level in 3 hours in cleanroom conditions.
Connectivity	Wi-Fi, cable	Wi-Fi, cable
H₂O₂ removal	Built-in catalytic converter for rapid H ₂ O ₂ removal	Separate high-capacity catalytic converter for rapid H ₂ O ₂ removal
Additional: Slave units		Option to extend the capacity with additional modular VCS-100-SL slave units. Extension 100 m ³ /unit
Operating Time		1L bottle of 50% H ₂ O ₂ can last for 3 hours in full power operation

OUR SOLUTIONS



THE WORLD NEWEST INNOVATION ULTRAVIOLET DISINFECTION MOBILE ROBOT

Ultraviolet disinfection robotic philosophy is centred around integrating proven UV germicidal industrial solutions with new advanced robot technologies creating innovative products helping the healthcare industry in the eradication of harmful pathogens and superbugs, thereby making healthcare environments safer and improving quality of care for hospitals and healthcare facilities. UVD Robot is a high-quality product from Denmark.

UVC light disinfection technology inactivates any remaining pathogens after manual cleaning processes.

The UVD Robot is used as part of the regular cleaning cycle, and aims at preventing and reducing the spread of infectious diseases, vira, bacteria, and other types of harmful organic microorganisms in the environment by breaking down their DNA-structure. Kills 99.99% of all bacteria.

The robot is safe, reliable and eliminates human error. Furthermore, it is user friendly and is designed to be operated by every-day cleaning staff.

UVC beaming distance is critical. The closer the UVC disinfection device is to surfaces, the greater the intensity. Current UVC disinfection devices available on the market have to be repositioned manually in the hospital room by the healthcare personnel. The UVD Robot is the only UVC disinfection system on the market capable of repositioning itself in any hospital environment thereby getting close enough to all critical high touch surfaces during the disinfection process.



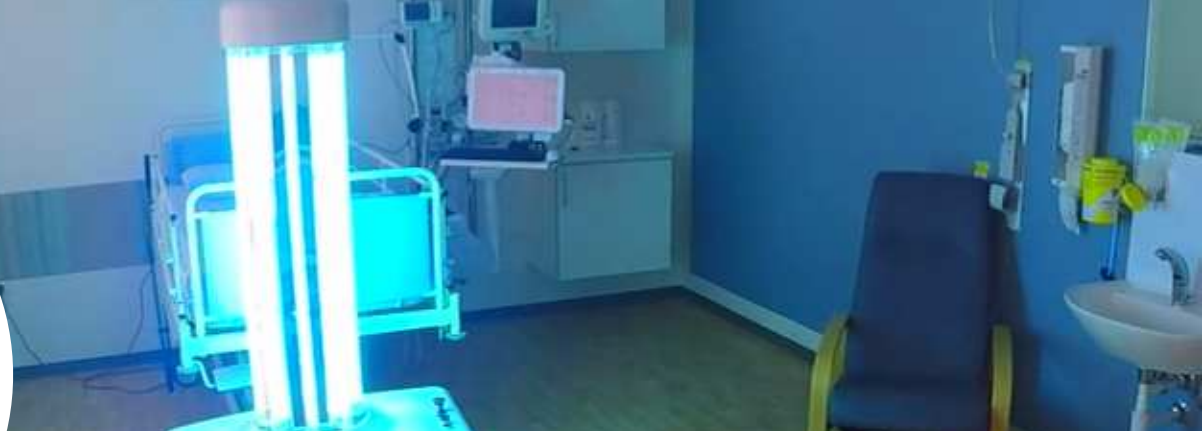
KEY BENEFITS

- **Standard process without manual influence:** A fully autonomous mobile platform emitting concentrated UVC light onto high, medium and low touch surfaces in support of normal cleaning routines.
- **Fast and efficient disinfection process:** Prevents and reduces the spread of infectious microorganisms in the environment. Reduces hospital acquired infection rates and associated costs.
- **Easy to install and use:** Safe, reliable and user friendly operation by hospital cleaning staff.

APPLICATIONS

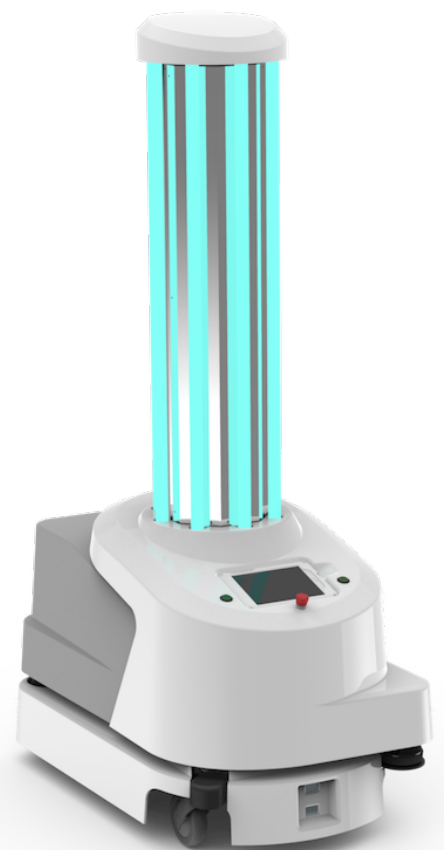
- Hospitals and clinics
- Hotels
- Commercial buildings
- Industrial buildings

SPECIFICATIONS



THE WORLD NEWEST INNOVATION ULTRAVIOLET DISINFECTION MOBILE ROBOT

	UVD Robot Model B
Applications	For disinfection purposes in rooms and spaces e.g. in hospitals, clinics and laboratories
Dimensions	9300 x 6600 x 1710 mm
Weight	140 kg
Operating time	2-2,5 hours
Battery charging time	4 hours
Disinfection coverage	360 degrees
Disinfection time	10-15 min/room
Connectivity	Wi-Fi based
Max. speed	5,4 km/h
UV-C Wavelength	254 nm (UV-C rays)
Charging requirements	220-240 VAC 50 Hz, 6 Amps
UV-lamp lifecycle	12.000 hours
Safety	Software & sensors based Emergency stop button





ABOUT SCOPE ASIA

SCOPE ASIA is a solution integrator for many different sections bringing together the smartest green technologies, high-end solutions for decontaminating medical devices, and also water purification systems for any kind of water qualities.

OTHER PRODUCTS

SOLAR-POWERED WATER PURIFICATION AND DESALINATION SYSTEM

Sustainable ultrafiltration and reverse osmosis solutions for converting any water resource into high-quality drinking water. Capacity from 50 liters per hour up to 10.000 liters per hour and more with modularity.



SMART BIOBOX

A sustainable solution for disposing of organic waste, and transform it into liquid biofertilizer and biogas. Suitable for households, properties, hotels and restaurants, farmers, and communities.



SCOPE ASIA'S WATER DISPENSER

The SCOPE ASIA's Light RO Dispenser - System - can be used in every place such as your home, office, hotel, restaurant, etc. You can have hot, cold, or fresh clean drinking water directly from a tap.



CONTAINER AND MODULAR SPACE FOR ANY NEED

The container with a modular space is perfect for any needs, such as accommodation, office, storage, medical, sanitary spaces. It is quick to install and move, strong but lightweight, low logistics burden, and has high quality interior.





LET'S MAKE THE CHANGE!

OUR PASSION BELONGS TO PEOPLE

OUR PARTNERS

PRIVATE COMPANIES



WOIMA



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