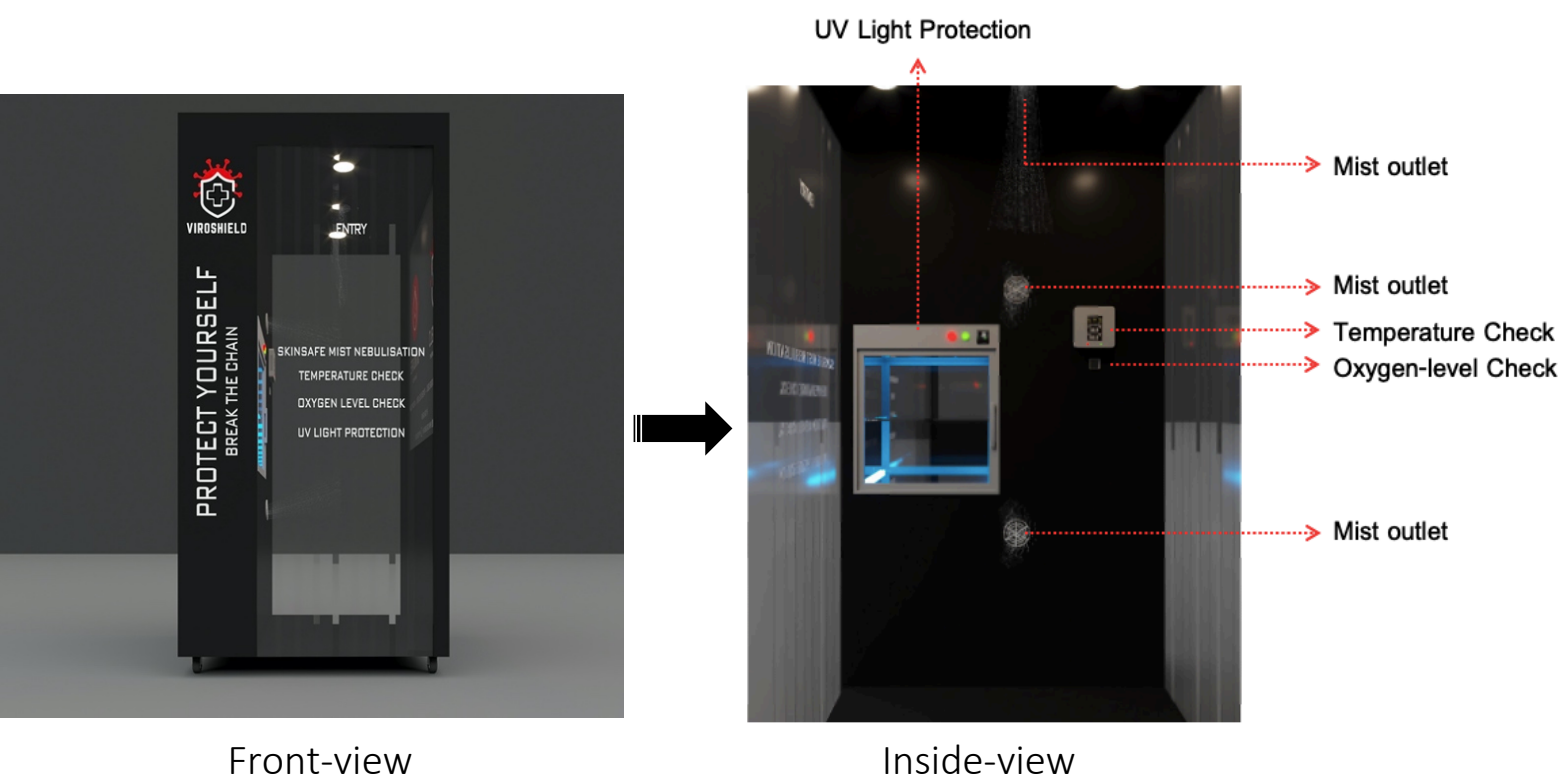




Saurashtra Specialities Pvt. Ltd. has been developing spraying techniques for paper and food industries for 25 years. Taking into consideration the current worldwide coronavirus (Covid-19) pandemic, it has become clear that full body disinfection measures are indispensable in any place where many people may gather at a given time. Hence, using their expertise and employing a holistic approach, SSPL Group is now offering a one-stop-shop novel disinfection solution for communities, government and corporate entities as well as manufacturing facilities.

Introducing the new ViroShield Self-Protect Chamber along with its polyol ester based SkinSafe germicidal disinfectant - effective on bacteria and viruses alike.





# Four-way Protection



## Mist Nebulisation

The ViroShield Self-Protect Chamber uses piezo-electric (ultrasonic) technology to induce high intensity vibrations in ceramic discs which produce a diffuse mist - perfect for dispersing the disinfectant and generating efficient contact with the human body.



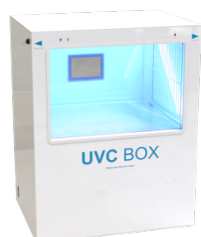
## Body Temperature Check

The chamber comes equipped with a no-contact body temperature sensor that sets off an alarm if the temperature is above normal. Quality assured by Zicom.



## Oxygen-level Check

The chamber also comes equipped with SpO<sub>2</sub> oxygen sensor that lets the person measure their own oxygen level and pulse.



## UV Light Protection

The chamber houses the UV light box which provides the additional protection by allowing the person to disinfect any of their items such as their bag, wallet, cell phones, keys and so on.

### Options available

- Heavy-duty walkthrough chamber that can accept between 125-150 people per hour
- Light-duty walkthrough chamber that can accept up to 50 people per hour
- Mobile unit for disinfection of offices, residential and public places

### Ideal for

- Entrance of commercial complexes
- Residential societies
- Industrial factories and manufacturing sites
- Public places such as malls and parks

### Benefits of ViroShield

- Automatic mist production with motion sensors
- Only 2 hours installation time
- Plug and play - comes with all necessary equipment in the box
- Suitable for a wide range of liquids to be used as disinfectants
- The skin-safe germicidal compound is BIS approved and lab-certified
- Wheels (optional) provide ease of transport

## Why ultrasonic misting?

The disinfection tunnels that have been developed in the wake of the pandemic use sprinklers or spray nozzles that generate particles with a size between 700 microns to 1 mm. Such sprinklers therefore exhibit subpar performance as they cannot achieve the required mean free path to generate sufficient contact.

On the contrary, SSPL's ViroShield tunnel uses Piezoelectric transducers that induce vibrations in the order of few lakh times per second in ceramic discs, thereby generating millions of sub-micron size mist particles carrying the germicidal material – which ensures smooth and efficient contact.





Novel disinfectant developed using a proprietary blend of vegetable-based polyol esters and Citrosynthol



## Safe and Effective



- Made from vegetable oil fatty acids with no artificial additives
- No harmful effects on exposure to the skin, eyes or the nose
- Apt to use in disinfectant tunnels or chambers
- Unlike SSPL's SkinSafe Germicide, common disinfectants in use these days such as sodium hypochlorite and hydrogen peroxide are not safe to use if their application involves contact to human skin

## Citrosynthol enhanced

- Made from oil of eucalyptus citriodora tree
- Known to have some antiviral properties and was previously used to prevent SARS 1, another strain of coronavirus that caused the 2003 epidemic
- The British Army has provided troops with Citrosynthol-based spray to help protect them against coronavirus
- Citrosynthol has passed rigorous safety and efficacy tests



### SAURASHTRA SPECIALITIES PVT. LTD.

Registered Office :  
Pattani Building, M G Road,  
Rajkot - 360001

Manufacturing Unit :  
Sr No. 288/P2, Kuvadava Road,  
Village – Jiyana, Rajkot

Corporate Office :  
502, Venus Amadeus, Jodhpur,  
Satellite, Ahmedabad - 380015

✉ sales@ssplgroup.in ☎ +91 98256 12123, 0281-2701757 - 58  
[www.ssplgroup.in](http://www.ssplgroup.in)