



**STAVIOR**  
By Cenaura Technologies

# Smart Sterilizer Mobile

The Smart Sterilizer Robot navigates through indoor spaces managed by remote controlled device or autonomously using onboard sensors, sterilizing the spaces they pass through. Smart Sterilizer Robot delivers an automated, measured dose of UVC to consistently disinfect a room from one position, eliminating human error and documenting disinfection results for each cycle. Smart Sterilization robot compensates for room variables such as size, shape and contents to deliver the precise, lethal dose of UVC needed.



## Slimline Mobile Sterilizer Automatic UVC-SMS180

- ◆ Infrared and Mobile App based remote control
- ◆ Incident UVC Radiation Measurement Sensor
- ◆ High Precision Lidar for automated room size calibration
- ◆ Collision detection and Obstacle avoidance algorithms
- ◆ First person view live Camera for remote monitoring
- ◆ Realtime object classification algorithm for added safety

## Effective Sterilization

Metered single-cycle, zero-touch sterilization  
Destroys air-borne and surface based pathogens  
High power dosage to cover shadows

## Powerful Zapping

Uses the most effective 254 nm wavelength  
High pathogen kill rates of up to 99.99%  
Rapid fluence rates for fast turn-around times

## Intuitive Experience

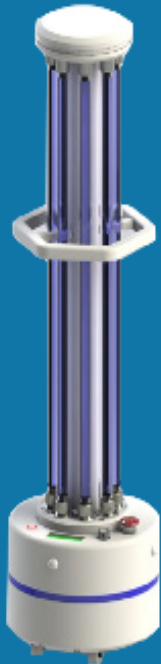
Automatically calibrated run-time  
Addresses danger of under-dosing  
Eliminates human error

## Control Center

Deploy, manage, and monitor devices  
Real-time location tracking  
Treatment logs for validation

### Technical Specifications

Model No	UVC-SMS180
Short Description	Slimline Mobile Sterilizer Automatic
Dimensions (L x W x H)	12" x 12" x 40"
Power Rating (Wattage)	180 W
Power Source (Voltage)	230 V
Charging Time	120 Mins
Operating Time	70 Mins
Frequency	50/60Hz
Fluence Rate	480 $\mu\text{W}/\text{cm}^2$
Lamp Life	9000 Hrs
Warranty	1 Year



## Safety Controls

Realtime video feed for monitoring and control

Provides audio visual feedback to the operator

Automatic shutdown on door movement for human safety

### Certifications



ATIL INCUBATION CENTRE  
CENTRE FOR CELLULAR  
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