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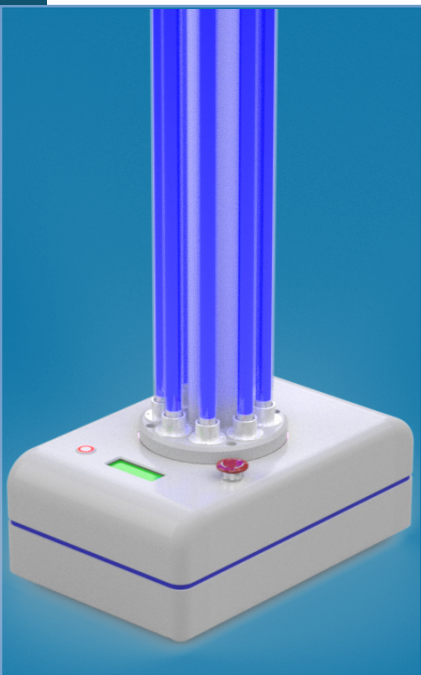
By Cenaura Technologies

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.

Topline Mobile Sterilizer Automatic UVC-TMS360

- ◆ 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

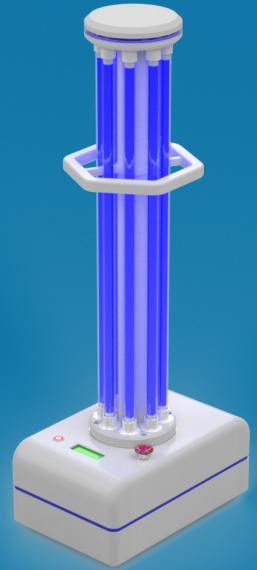
Automatically calibrated run-time
Addresses danger of under-dosing
Eliminates human error

Control Center

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

Technical Specifications

Model No	UVC-TMS360
Short Description	Topline Mobile Sterilizer Automatic
Dimensions	12" x 18" x 47"
Power Rating (Wattage)	360 W
Power Source (Voltage)	230 V
Charging Time	150 Mins
Operating Time	45 Mins
Frequency	50/60Hz
Fluence Rate	1152 $\mu\text{W}/\text{cm}^2$
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



ATAL INCUBATION CENTRE
CENTRE FOR CELLULAR
& MOLECULAR BIOLOGY

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