

INTELLIGENT DISINFECTION ROBOT

SANI BOT

UVC + ATOMIZER SPRAY DISINFECTION ROBOT

The Sani Bot UVC + Atomizer Spray Disinfection Robot uses the combination of a certified ultrasonic disinfectant spray device and short wave UVC light to sterilize both air and surfaces. It features an intelligent navigation system and autonomous charging for contactless sanitization and disinfection.

PRODUCT FEATURES

- + **HIGHLY EFFICIENT STERILIZATION**
Short wave UVC ultraviolet lamp + Disinfectant atomizer ensures disinfection even in dead corners.
- + **AUTONOMOUS NAVIGATION**
Uses laser-guided navigation to detect obstacles and operate efficiently without getting stuck.
- + **INTELLIGENT CONTACTLESS OPERATION**
Independently completes disinfection tasks and autonomously charges once low on power.
- + **MEDICAL GRADE UVC DISINFECTION LAMP**
Ultraviolet disinfection lamp following Technical specifications for medical disinfection. Its radiation intensity is greater than 70 uW/cm².



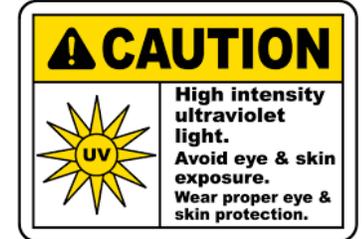
PRODUCT SPECIFICATIONS

PARAMETERS	INDEX
Power	150 W
Voltage	110 - 277 V, 50/60 Hz
Power Factor	> 0.90
Dimension	20 X 20 X 53 in
Weight	154 lbs
Operating Temperature	32 °F - 113 °F RH:5% ~ 85%, No dust
Wavelength	254 nm
Air Volume	The fog output is 2-4 l/h, and the spray diameter is less than 10 μm
Operating Time	Continuously for more than 8 Hours
Disinfectant Capacity	15 L
Maximum Climbing Angle	≤ 5°
Battery Capacity	DC 48 V 15 Ah
Input Voltage	Charging Pile and Adapter input rated Voltage 220 V / 50 Hz
Moving Speed	3 m/s
The Network Interface	WIFI / 4G / Bluetooth
Standby Time	More Than 48 Hours
Work Environment	Indoor Environment, Flat smooth ground
Charging Type	Automatic / Manual Charging
UV Radiation Intensity	Each group is greater than 200μW / cm ² (150 W),
Sterilization Technology	UVC+ Disinfectant atomizer (Hydrogen peroxide)
Operating Hours	20000 Hours, Life of UV Lamp is 8000h
Working Distance	Spray effective range is 1.5 m to 2 m, Working range can be set
Spray Efficiency	The quantity of the fog 2-3L/H, Spray lasts up to 8 hours
Battery Life	Work continuously for more than 8 hours

HUMANS AND UVC

When it comes to the usage of UVC as a disinfection technology, it is important to be mindful of the following safety guidelines:

- According to FDA guidelines, UV units should always be installed properly by trusted professionals and used by trained individuals only to avoid any risk.
- Before starting the UVC disinfection process make sure the room or the desired area is empty.
- If personnel have to present at the site, the use of personal protective equipment (PPE) is recommended to protect their eyes and skin from any possible risk.
- Never look directly at a UVC lamp, even briefly.
- While excessive exposure to UV can result in damage to the eyes (keratitis and conjunctivitis) and the skin (erythema), most such symptoms usually resolve within 24 to 48 hours. Most of the UVC gets absorbed by the outer dead layer of the human skin that minimizes the risk.
- According to CDC and NIOSH, for UVC at wavelength 253.7 nm, the recommended exposure limit (REL) is 6 mJ/cm² for a daily 8-hour work shift.
- Prolonged exposure to UV can cause photo degradation of organic and synthetic materials such as plastic, polymers and dyed textile.
- Some UVC lamps contain mercury that is toxic even in small quantities. Hence, extreme caution is required when such lamps break to either clean them or to dispose them.
- Hang a warning sign outside the room while UVC cycle is running.
- Use UVC devices with wireless control systems as much as possible.



ORDERING INFORMATION

SKU	Product Codes
662187548982	AX-SNIBT-SD-UV-RB-00150W
	AX - Axenic
	SNIBT - SANI BOT
	SD - Surface Disinfection
	UV - Ultra Violet Light
	RB - Robot
	XXXXW - Wattage