



GAUSSIAN  
ROBOTICS

# ECOBOT 50 SANITIZER

## Intelligent Cleaning and Sanitizing Robot



Disinfect both floor and surroundings

100% floor cleaning coverage rate guaranteed by Real-time dynamic path planning

Carry out Multi-floor cleaning with Lift-Integration (\*Optional)

Minimum Human Intervention: Auto-charge, Auto-drain and Auto-refill

Update cleaning status simultaneously on the Cloud

### Product Introduction

ECOBOT 50 Sanitizer is your complete 2 in 1 robotic solution for both cleaning and sanitizing. It integrates an Ultrasonic Spraying Unit into a standard Ecobot Scrubber 50, so that dual tasks of floor cleaning and space sanitizing can be performed at the same time.

The Spraying Unit produces a super fine mist of 5 - micron particles into the air with 2 ultrasonic nozzles 0.85m high from the ground. Such small particles can be dispersed into the air to destroy airborne pathogens and micro-beings on the material surfaces. A 100% coverage rate guarantees that Ecobot 50 Sanitizer can take the maximum hygiene care of your premise.

The ECOBOT 50 Sanitizer is your reliable unmanned work force to maintain the high standards of environmental sanitation and safety. Just press the "Go" button, both floor cleaning and space sanitizing can be done automatically at the same time, and now you have nothing to worry about.

### Application Sectors



Hospitals and Care Homes



Retail



Office Buildings



Hotels



Education



Transportation

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## Sanitizing Specifications

Nozzles	2
Atomized Particles	≤5 Micron
Height of Nozzles	0.85m
Disinfectant Tank Capacity	6 L
Max. Atomizing Flow/Hour	1.85 L/H
Atomizing Duration	3.5 H
Life Span of Atomizer	≥5000h
Recommended Disinfectants	Chlorine, hydrogen peroxide disinfectants and the others
Recommended Ratio	Please strictly follow the instructions of the disinfectant

## Cleaning Specifications

Cleaning Efficiency	Up to 1500 m <sup>2</sup> /h	Rate Voltage	24V
Cleaning Speed	0-3.6 km/h	Max. Power	1000W
Max. Climbing Ability	10°	Average Run-time	280W
Scrubbing Pressure	25 KG	Max.Suction Pressure	2 -6 H
Cleaning Width	500 mm	Rated Driving Motor Power	2*300W
Brush Rotate Speed	Up to 270 RPM	Rated Brush Motor Power	280W
Clean/Recovery Water Tank	24L/18L	Max.Suction Pressure	8.18 kpa
MGross Weight inc. Battery	215 KG	Noise Level	59-70 dB (a)
Battery	Li-Ion	Sensors	LiDar Depth Camera Ultrasonic Collision Bumper

## Partners



Gaussian Robotics is one of the world-leading robotic companies. Working closely with experts from cleaning industry, the ECOBOT cleaning and sanitizing robots series have been widely recognized in over 24 countries, providing cutting edge service to over 300 customers in various sectors.

\* For bio-clean rooms, please adopt professional disinfection methods.

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