

Atomizing Disinfection Robot



Introduction:

The disinfection robot can effectively purify the air by rapidly atomizing the disinfectant and automatically spraying the disinfection area. 8% hydrogen peroxide disinfectant can be used to spray evenly into the space according to the dosage of 5ml/m³. The robot can navigate autonomously, avoid obstacles, reach the disinfection area for full coverage disinfection and support the control of wechat mini program, so that man-machine separation, reduce personnel contact, greatly improve the safety of use and simple deployment, easy maintenance and management.

Applications:

It can be widely used in hospitals, airports, office buildings, shopping malls, schools, factories and other public places.



Hospital

Airport

Shopping Mall

Office

Features:

- * Comprehensive disinfection: 360°no dead angle disinfection kill rate 99.99%.
- * Super large capacity: 16L large capacity water tank 1000m only takes 15min.
- * Automatic charging: Low water level and low power automatic recharge without personnel on duty.
- * Path planning: Automatic route cruise disinfection highly sensitive intelligent obstacle avoidance.
- * Intelligent control: Remote control of tasks within a defined period.
- * Wide range of applications: A variety of disinfectants to meet the needs of multiple scenarios.

Technical Parameters:

Model	BKS-Y-800	
Disinfection Capacity	16L	
Atomization Efficiency	Multi-gear adjustable, up to 3000ml/h (remote adjustable)	
Spray Diameter	≥4.0m	
Disinfectant	Hypochlorous acid, Chlorine peroxide, Chlorine dioxide, etc.	
Disinfection Efficiency	≥1000m ² /15min	
Spray Method	Four-direction spray (Standard)	
Disinfection Method	Ultrasonic atomization	
Atomized Particle	≤10μm	
Moving Speed	0.3-0.8m/s (adjustable)	
Ability to Cross Obstacles	20mm	
Grade Ability	9°	
Driving Channel Width	Narrowest width≥700mm	
Battery	Lithium battery 15AH 24V	
Charging Time	3h	
Endurance	Rapid disinfection for 6 hours	
Power Supply	AC100~240V, 50/60Hz	
Consumption	145W	
Overall Size (W*D*H)	540*490*1300mm	
Package Size	Intelligent Atomizing Disinfection Machine	683*631*1200mm
	Universal Charging Pile	450*424*205mm
Net weight	55kg	
Gross Weight	60kg	