

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 | |
|----------------------------|--|----------------|
| Overall Size (W*D*H) | 540*490*1300mm | |
| Atomization Efficiency | Multi-gear adjustable, up to 3000ml/h (remote adjustable) | |
| Disinfection Capacity | 16L | |
| 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) | |
| Consumption | 145W | |
| 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 | |
| Package Size | Intelligent Atomizing Disinfection Machine | 683*631*1200mm |
| | Universal Charging Pile | 450*424*205mm |
| Net weight | 55kg | |
| Gross Weight | 60kg | |