

Intelligent Spray Robot 180C



Ultra-large 16L capacity

Sterilizing rate >99.99%

Automatic Charging

Operate via app

Multiple applications

Smart obstacle avoidance

Summary:

1. 100% Autonomous Navigation
1. Atomizes up to 2600ml/h
2. Disinfection efficiency 1000m²/h
3. Smart obstacle avoidance

Product Description:

180C atomizing spray robot is designed to purify the air by rapidly atomizing the liquid and automatically spraying the area. This robot can automatically navigate to the area for full-coverage spraying, and supports mobile App control to achieve man-machine separation and minimize personnel exposure, so that the use safety is greatly improved. With simple structure, it is easy to maintain and manage.

Features:

1. 360° no dead angles

99.99% sterilizing rate, with authorized certification

Complies with the national standard "GB 27948-2020": clears particles smaller than 20μm

Dry particles below 10 μ m, small particles, no adherence, not prone to corroding the ground and other objects. Full coverage at 360°, with no dead angles. Equipped with unidirectional nozzles and multi-directional nozzles for flexible options. Kills a broad-range of bacteria, achieving a sterilization rate of over 99.99% against coronaviruses, flu, hand-foot-and-mouth disease, diarrhea and other such diseases. CMA certification obtained from a third-party authority, applicable for pandemic + daily protection.

2.Higher atomization, larger water tank capacity

Applicable to large-scale scene

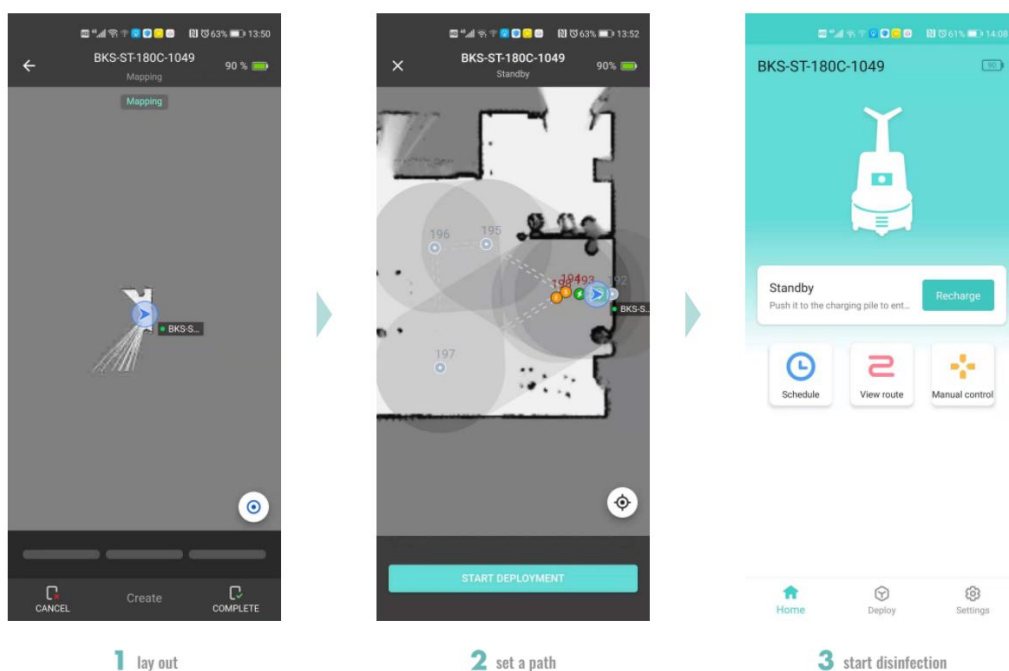
Four sets of industrial-grade ultrasonic injector heads. Atomizes up to 2600ml/h, making it more effective for spraying larger spaces. Ultra-large 16L water tank, for care-free use in large environments such as airports and railway stations. Can sterilize 1000m² in just 15 minutes and 27,000m² at any one time. Fast and efficient.

3.Operated via an app. Real-time monitoring.

Learn to use in just 10 minutes

Simple and easy-to-use app interface. Real-time monitoring of the disinfection path, with separate work logs.

Three simple steps: lay out - set a path - start disinfection



4.Multiple scenarios, one-stop solution

Utilizes multiple common air disinfectants such as chlorine dioxide and hypochlorous acid.

One-stop solution for disinfection, haze suppression, humidification and cooling.

Suitable for various scenarios such as airports, railway stations, subways, hospitals, laboratories, office buildings, banks, shopping malls, hotels, schools, workshops, karaoke halls, etc.

5. Autonomous navigation

smart obstacle avoidance, safety protection

Accords with the air concentration standard of disinfectants recommended in the Scheme for the Prevention and Treatment of Pneumonia Caused by the Novel Coronavirus

Accurate positioning, high-resolution mapping, easy deployment, stable obstacle avoidance, multiple sensors, safe and free of dead zones. One button to switch between strict line patrol and smart obstacle avoidance patrol. Prevents dry burning, and automatically stops operating when it reaches a low water level, and returns to the charging pile.

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6. Automatic charging

free of artificial managing,

saving manpower

24/7 fully automatic working, smart and worry-free, no need for manual management, man-machine separation, occupational protection, prevents cross-infection. Ultra-long battery endurance, automatic recharge when on low battery, air freight friendly battery certification to ensure safety, instant/timed autonomous disinfection, easy management, saves on manpower.

Specifications:

Size	Diameter 530mmX Height 1340mm
Weight	48.4kg(excludes disinfectant)
Tank Volume	16L
Spray Coverage	5~6m
Disinfectans	Hypochlorous acid, hydrogen dioxide
Charging time	3h(0~80%)
Endurance time	4.5h
Moving speed	0.3m/s
Charging way	Automatic Charging
Passing range	Width≥750mm, Gradeability≤8°, Stair height≤15mm