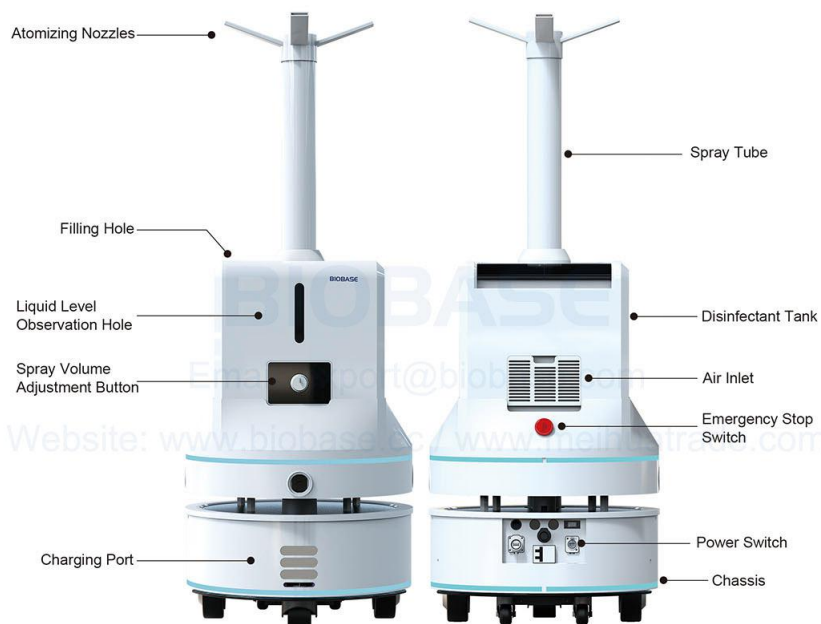


## Atomizing Disinfection Robot

### Introduction:

The atomizing disinfection robot is by quickly atomizing the disinfectant and automatically spraying into the disinfection area to get the air effectively purified. Using 100mg/L hypochlorous acid disinfectant, according to the amount of 5ml/m<sup>3</sup>, continue to spray evenly into the space to disinfect.



Hospital

Airport

Shopping Mall

Office

### Applications:

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

### Features:

- \* The large-capacity 16L disinfectant tank can continuously disinfect for more than 5 ~ 6 hours, and the disinfection coverage is up to 4000 ~ 5000m<sup>2</sup>.
- \* Support APP control, no-touch automated disinfection greatly improve the safety of use in the disinfection process.
- \* Two disinfection modes: timed disinfection and immediate disinfection.
- \* With autonomous navigation function, lidar obstacle avoidance, can fully cover the required area.
- \* Support automatic return to charge, human assistance isn't required.
- \* When the disinfectant is below the warning position, it will return to the waiting area and turn off the spray device automatically.



APP Interface

### Technical Parameters:

Model	BKS-Y	
External Size(mm)	φ500*1335	
Atomization Efficiency	2L~3L/H(adjustable)	
Disinfectant Capacity	16L	
Spray Diameter	5-6m	
Disinfection Medium	Hypochlorous acid, Chlorine dioxide, Hydrogen peroxide, Peroxyacetic acid, etc.	
Spray Method	Four-direction spray, large opening spray(optional)	
Moving Way	Autonomous path planning and automatic navigation	
Moving Speed	0~1m/s	
Safety System	Lidar obstacle avoidance, power-off protection of disinfectant shortage	
Consumption	150W	
Drive Method	Differential drive	
Ability to Cross Obstacles	±10mm	
Gradeability	≤8°	
Driving Channel Width	≥700mm	
Noise	≤50dB	
Operating Time	5~6h	
Battery	Lithium battery 28AH 24V, rechargeable 10,000 times	
Charging Time	3~4h	
Power Supply	AC110/220V, 50/60Hz	
Package Size	Main Body	430*430*660mm
	Chassis	650*650*770mm
Gross Weight	Main Body	10kg
	Chassis	62kg