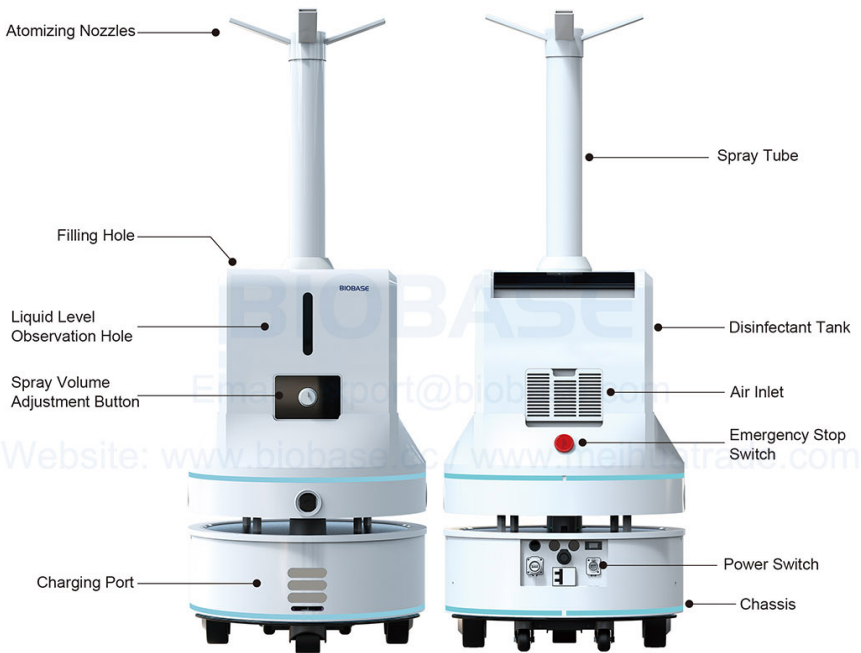


Atomizing Disinfection Robot

Introduction:

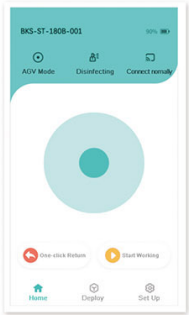
The atomizing disinfection robot is by quickly atomizing the disinfectant and automatically spraying into the disinfection area to get the air effectively purified. Using 100mg/L hypochlorous acid disinfectant, according to the amount of 5ml/m3, continue to spray evenly into the space to disinfect.



**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 ~ 5000m².
- \* 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