

**Product Name :**  
Atomizing Disinfection Robot**Product Code :**  
ELAB-BOI0001**Description :**

Atomizing Disinfection Robot

**Technical Specification :**

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. Support the use of disinfectants such as hydrogen peroxide, sodium hypochlorite, and peracetic acid. The large-capacity 16L disinfectant tank can continuously disinfect for more than 5 ~ 6 hours, and the disinfection coverage is up to 4000 ~ 5000 m<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.

External Size(mm): 750\*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

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Moving Speed: 0~0.6m/s  
Power Supply: AC220±10%V 50Hz  
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  
Charging Time: 3~4h  
Safety System: Lidar obstacle avoidance, power-off protection of disinfectant shortage

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**