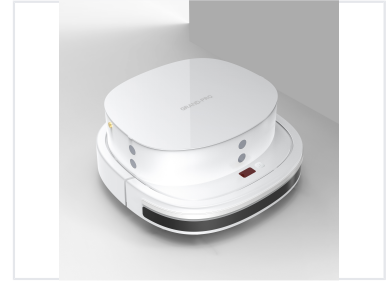


Autonomous Surface Disinfection Robot

This robotic appliance is designed for automated surface disinfection in homes, offices, and healthcare facilities. Equipped with sensors, it navigates autonomously to disinfect with UV-C light or aerosolized disinfectant.



ADDITIONAL IMAGES



Overview

Autonomous Surface Disinfection Solution

This autonomous surface disinfection robot is designed to provide efficient, automated sanitation for various floor types including wood and tile. Featuring intelligent navigation with anti-drop sensors and collision detection, it ensures comprehensive coverage while maintaining a low noise profile. With a 3L water tank and 25-minute maximum spraying time, it offers a practical solution for maintaining hygiene in residential and professional environments.

Performance Metrics

Key Performance Indicators

3 L

Water Tank Capacity

25 min

Max Spraying Time

0.2 m/s

Walking Speed

65 dB

Noise Level

Technical Specifications

Physical Dimensions

Measurement	Value
Max Diameter	330mm
Max Height	151mm
Net Weight	3.5kg
Gross Weight	6kg

Power & Battery

- Rated Voltage: 14.8V
- Rated Power: 10W
- Battery Capacity: 2600mAh Li-ion
- Charge Time: 3-5 hours
- Adapter: 24V 1A

Features & Functionality

Navigation & Safety	Front Bumper, Infrared Collision Detection, 4 Anti-drop Sensors, Automatic Return Charge, Liquid Level Identification
Control Mode	Remote and physical button control with OLED/LED display
Operating Environment	-10 to 50