

Autonomous Robotic Vacuum Cleaner

This autonomous robotic vacuum cleaner is designed to navigate and clean floors. Its slim profile allows it to clean under furniture and in tight spaces.



ADDITIONAL IMAGES



Product Overview

Autonomous Floor Maintenance Solution

This advanced robotic vacuum cleaner offers a comprehensive floor cleaning solution by integrating sweeping, mopping, and vacuuming functions. Featuring a slim circular design and multiple navigation patterns, it efficiently cleans various surfaces while adapting to different floor reflectances. With an automatic recharge system and intelligent safety sensors, this unit is built for reliable, unattended operation in professional or commercial settings.

Performance Metrics

Key Performance Indicators

1300 pa
Suction Power

90 min
Run Time

75 dB
Noise Level

Technical Specifications

Electrical Requirements

Parameter	Value
Rated Power	37W
Battery Capacity	2600mAh
Battery Voltage	14.4V
Charging Time	~4 hours

Cleaning Patterns

Random, Spiral, Along the wall, S-shaped

Safety & Features

Integrated Sensors

- Three cliff sensors for drop prevention
- Adaptive ground reflectance detection
- Mechanical collision prevention
- IR collision prevention

Fault Alarm Triggers

- Wheels stuck
- Unit lifted from floor
- Dust bin full
- Charging error
- Bumper stuck