TAKDIR

www.takdirrobot.com

广东达迪迩智能机器人有限公司

GuangDong Takdir Smart Robot Co.,LTD

10 Years Focused on Robot Vacuum Cleaner

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Company Profile

Brief Introduction



GuangDong Takdir Smart Robot Co., LTD

specializes in the research, development, and production of robot vacuum cleaner, based in Dongguan, Guangdong, China.

GuangDong Takdir Smart Robot Co., LTD is a high-tech enterprise serving the global market. For decades, we have been dedicated to the research, development, and production of intelligent cleaning products, delivering high-quality robot vacuum cleaners to consumers.

Takdir and the German brand TAKDIR have formed a strategic partnership, leveraging their R&D advantages. They have established three specialized labs for different product lines and multiple technology labs. A core R&D team of over 100 skilled professionals drives innovation to create cutting-edge intelligent products. Guided by the life concept of "Enjoy Life with Smart Technology", TAKDIR aims to create a better life with smart technology and develop and create more high-quality smart home appliances for consumers.

Established in

2008

Building Area

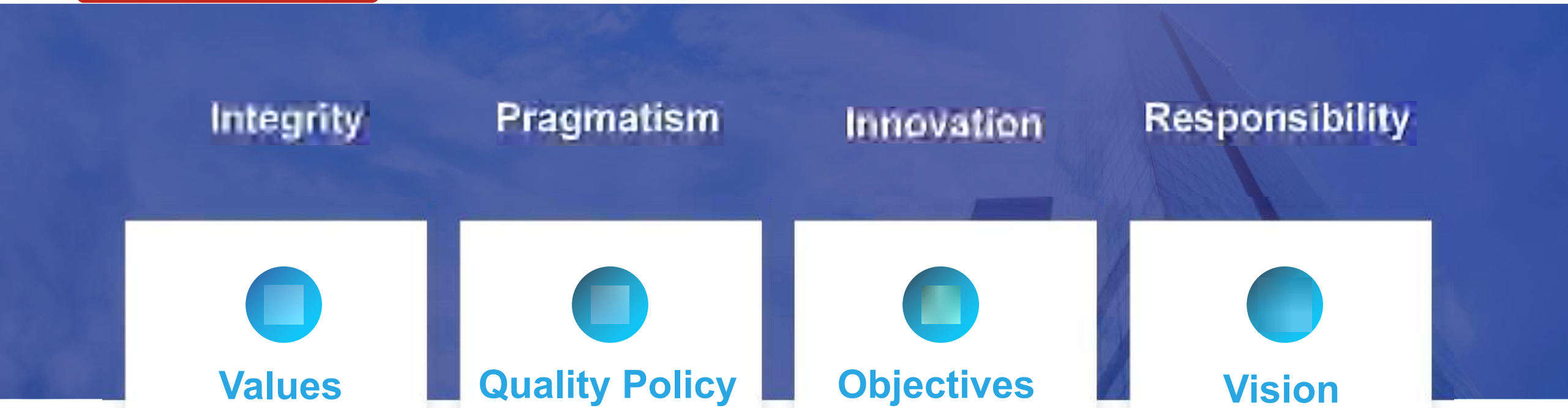
About 18,000 m^2

Number of Employees

450 Employees

Company Profile

Enterprise Culture



Values

Honesty, Pragmatism,
Exceeding Expectations
Responsibility, Innovation,
Pursuing Excellence

Quality Policy

Quality to Ensure Survival
Technology to Foster Innovation
Speed to Establish Reputation
Improvement to Achieve Development
Energy Efficiency and Cost Reduction to Secure Profit

Objectives

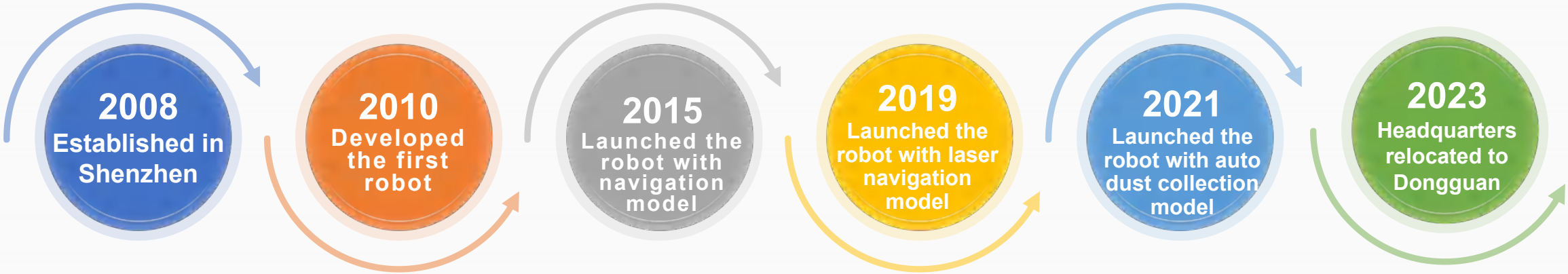
To become a cutting-edge manufacturing enterprise, distinguished by industry-leading technology, premier services, specialization, informatization, and intelligence.

Vision

Drive for Industry Leadership
Aim to Be a Century-Old Enterprise

Company Profile

Development History



TAKDIR formed a R&D team to enter the field of smart technology.

TAKDIR's first robot vacuum cleaner successfully developed and passed multiple tests

TAKDIR pioneered whole-house navigation and smart path planning for robot vacuum cleaners, achieving significant technological breakthroughs.

Launched the robot vacuum cleaner with 360-degree laser navigation and path planning function.

Launched the new generation of automatic dust-collecting, self-emptying robot vaccum cleaner.

In June 2023, we moved to Dongguan, established GuangDong Takdir Smart Robot Co., LTD., and set up automation production workshop.

Company Profile

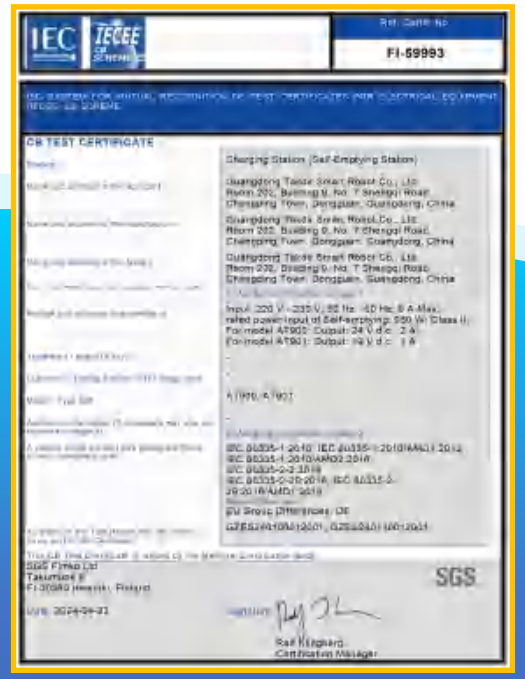
System Certification

ISO 9001:2015



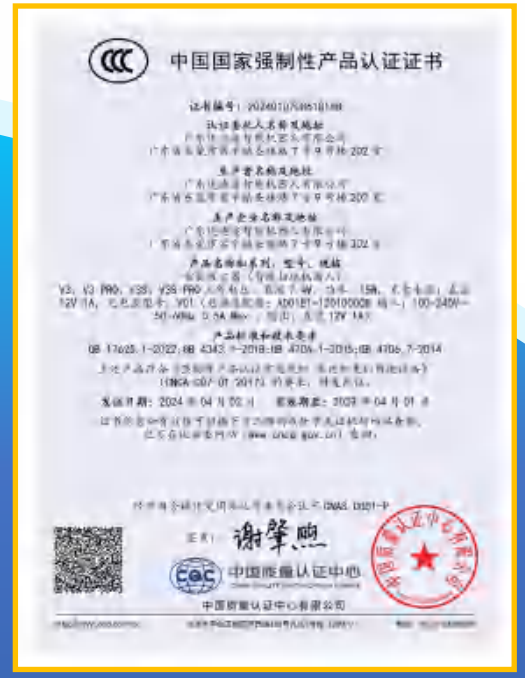


ISO 14001:2015



F1-59993

3C



Company Profile

Enterprise Honor







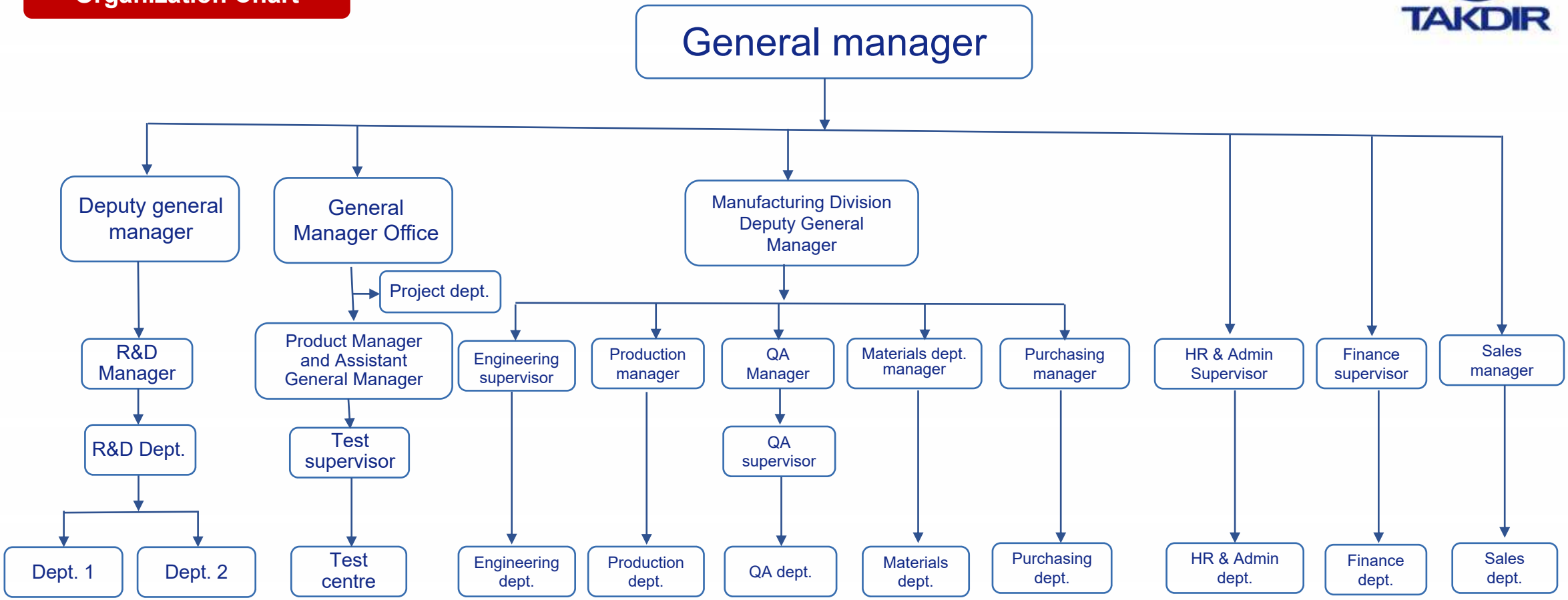






Company Profile

Organization Chart



Test centre

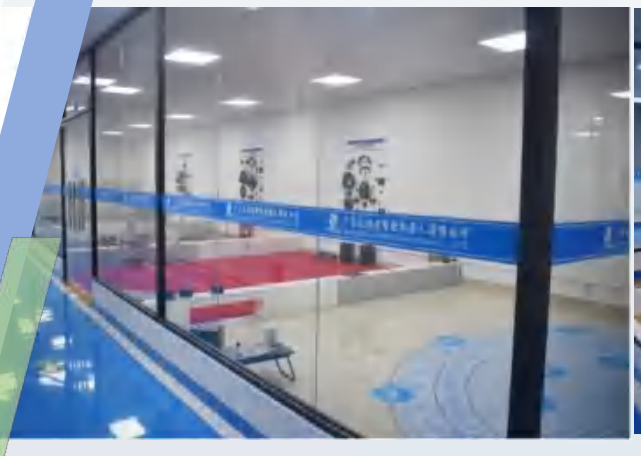
Laboratory testing area

Professional testing team

The test centre covers 800 square meters and is equipped with advanced testing equipment and experienced professionals. This facility is capable of conducting comprehensive evaluations on a wide range of performance metrics for robot vacuum cleaners, including software, hardware, cleaning efficiency, intelligent navigation, battery endurance, and obstacle detection. By simulating various home environments, the test centre ensures that robot vacuum cleaners deliver consistently efficient and reliable cleaning performance across various conditions.

Complete testing equipment

We use advanced international testing equipment and technologies, along with strict quality control procedures and comprehensive testing capabilities, to ensure every robot vacuum cleaner meets the high standards before leaving our factory.



Testing Area 1



Testing Area 2



General Testing Area



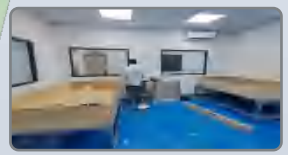
Recharge Test



Accelerated Life Test



Battery Capacity Grading Test



Cleaning Rate Test Area



Simulated Home Environment Test Area



Motor Life Cycle Test



Fan Aging Test

Test centre

Testing Equipment



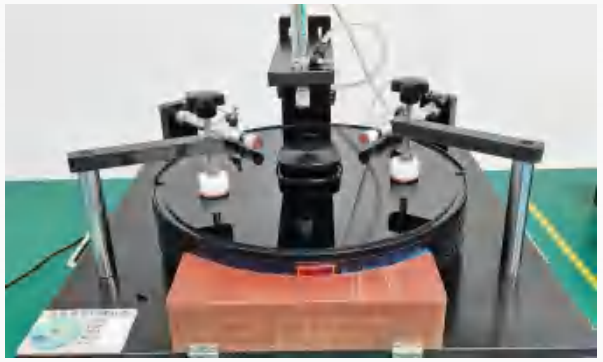
Button Life Cycle Test



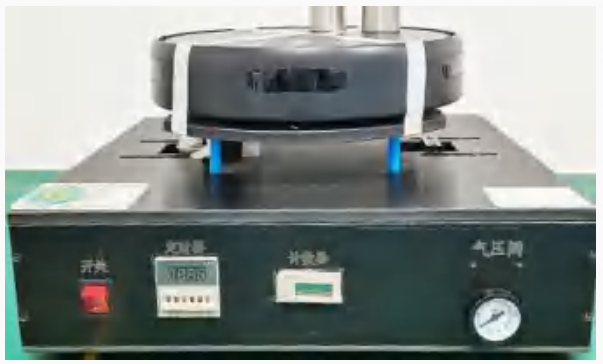
Abrasion Resistance Testing Equipment



Drop Test



Life Cycle Testing Equipment of Radar Top Cover



Life Cycle Testing Equipment of Wheel Rebound



Life Cycle Testing Equipment of Bumper Collision

Test centre

Testing Equipment



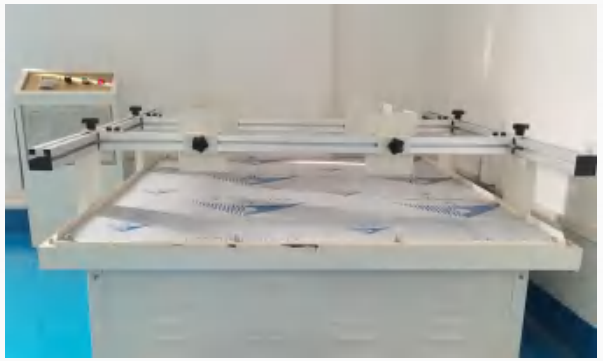
High-Low Temperature Test



Flame Retardant Test



Fan Aging Test



Vibration Test



Salt Spray Test



ESD Test

Manufacturing center

Assembly Workshop







8 finished product assembly lines

Monthly production capacity of **150,000** units per shift

Our 5,000-square-meter production workshop has state-of-the-art fully automated equipment and a skilled team. We follow rigorous process management in a modern environment with both fully and semi-automated lines. The workshop is logically laid out with multiple production lines, each having its own designated area to ensure smooth and efficient operations.

Manufacturing center

Automation Capability

Fully automatic screw machine

The assembly workshop is equipped with **60** fully automatic screw machines.



Fully automatic screw machine

The high efficiency and precision of the automatic screw machine have significantly enhanced overall production efficiency.



Fully automatic box sealing and packaging machine

The packaging line has **7** fully automatic box sealing and packaging machines



Manufacturing center

Storage Capacity

Raw material warehouse: approximately **4,500** square meters;
Finished product warehouse: approximately **3,500** square meters.



Product Introduction

Product Catalogue

- Self-emptying Robot Vacuum Cleaner, Laser Navigation
- Robot Vacuum Cleaner, Laser Navigation + Main Brush
- Robot Vacuum Cleaner, Gyroscope + Main Brush
- Robot Vacuum Cleaner, Gyroscope + Suction Port
- Robot Vacuum Cleaner, Random + Suction Port
- Window Cleaning Robot



Product Introduction

Model

TAKDIR

Self-emptying Robot Vacuum Cleaner, Laser Navigation



Model： AT701



Model： AT900



Model： AT800

Product Introduction

Model AT900



Parameter

AT900 Self-emptying Robot Vacuum Cleaner, Laser Navigation

Model	: X6S robot
Color	: Black
Rated voltage	: 14.4V
Rated power	: 40W
Obstacle-crossing	: 20mm
Working time	: 90~150min
Suction power	: 3000Pa
Battery capacity	: 2600mAh
Fall protection height	: ≤80mm
Dimensions	: 345*345*97mm

Model	: AT900 Self-emptying
Color	: Black
Dust bag capacity	: 3.2L
Auto recharging	: Yes
Dust bag detection	: Yes
Display screen	: LCD
Dimensions	: 347*260*211mm
Dust collecting power	: 950W

Automated dust collection: Yes

Ozone Sterilization for Dust Bags: Yes

Carpet pressurization : Support, automated turbo

Resume cleaning : Support, automated trigger

WiFi+Bluetooth : Support 2.4G WiFi module

Side brush : Support one side brush or two side brush

Working noise : ≤65dB(at a distance of 100cm)

2 in 1 water tank and dustbin : Dustbin 400ml Water tank 240ml

Product Introduction

Model AT800



Parameter

AT800 Self-emptying Robot Vacuum Cleaner, Laser Navigation

Model	: X6L robot
Color	: Black
Rated voltage	: 14.4V
Rated power	: 40W
Obstacle-crossing	: 20mm
Fall protection height	: ≤80mm
Working time	: 90~150min
Suction power	: 3000Pa
Battery capacity	: 2600mAh
Carpet pressurization	: Support, automated turbo
Resume cleaning	: Support, automated trigger
WiFi+Bluetooth	: Support 2.4G WiFi module
Dimensions	: 345*345*97mm
Side brush	: Support one side brush or two side brush
Working noise	: ≤65dB(at a distance of 100cm)

2 in 1 water tank and dustbin : Dustbin 400ml Water tank 240ml

Model	: AT800 Self-emptying
Color	: Black
Dust bag capacity	: 3.2L
Dust collecting power	: 950W
Output parameters	: 19V 1A
Auto recharging	: Yes
Dust bag detection	: Yes
Automated dust collection	: Yes
Ozone Sterilization for Dust Bags	: Yes
Display screen	: LCD
Dimensions	: 347*260*211mm

Product Introduction

Model AT701



Parameter

AT 701 Self-emptying Robot Vacuum Cleaner, Laser Navigation

Model	: X51 robot
Color	: Black
Rated voltage	: 14.4V
Rated power	: 40W
Obstacle-crossing	: 20mm
Fall protection height	: ≤80mm
Working time	: 90~120min
Suction power	: 3000Pa
Battery capacity	: 2600mAh
Carpet pressurization	: Support, automated turbo
Resume cleaning	: Support, automated trigger
WiFi+Bluetooth	: Support 2.4G WiFi module
Dimensions	: 320*320*95.2mm
Side brush	: Support one side brush or two side brush
Working noise	: ≤65dB(at a distance of 100cm)

2 in 1 water tank and dustbin : Dustbin 400ml Water tank 240ml

Model	: AT701 Self-emptying
Color	: Black
Dust bag capacity	: 3.2L
Dust collecting power:	650W
Output parameters	: 19V 0.7A
Auto recharging	: Yes
Dust bag detection	: Yes
Dimensions	: 284.3*215*184.8mm

Automated dust collection: Yes

New Arrival AT701

Self-emptying Robot Vacuum Cleaner



Product Introduction

AT701



- No manual intervention required for dust collecting
- Empty the dust bin in 10 seconds
- Odor-proof dust bag ensures no need to empty trash for up to 30 days
- Enjoy a clean and comfortable environment without handling any dust
- No need to worry about contact with dust allergens
- 3.2L large-capacity dust bag that automatically seals after collection
- Powerful 16,000 Pa blower for superior suction performance

Product Introduction

AT701

LDS Laser Obstacle Detection Prevents Accidental Collisions

It can avoid obstacles of different types of objects at home, and when sensing an obstacle, it will clean along the edge of the obstacle without missing any area.



Product Introduction

AT701



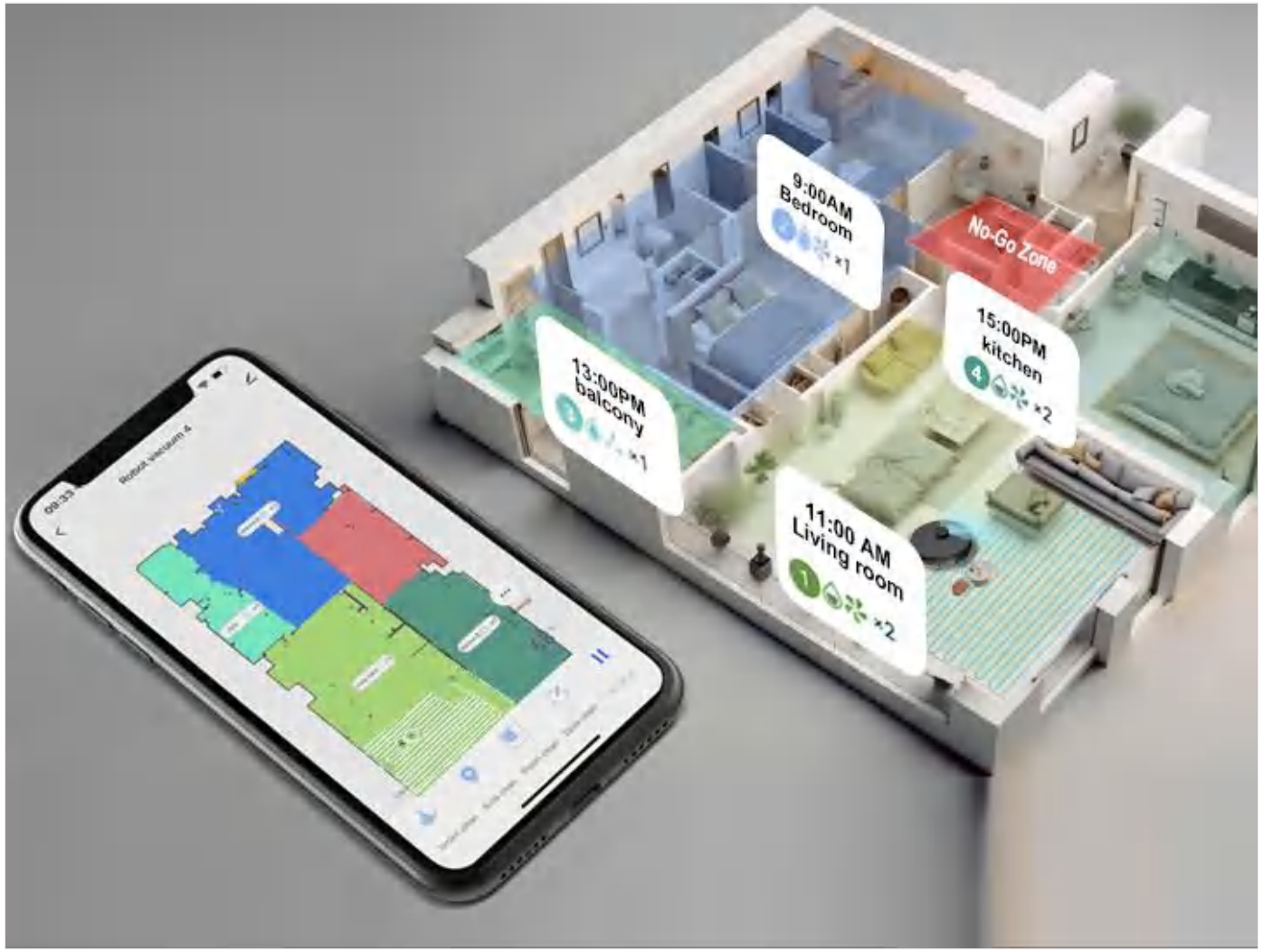
LDS Laser navigation

Sensing the Environment with a 360° Whole-House View

The LDS laser navigation system enables precise 360-degree scanning of indoor environments and perform mapping, navigation, positioning, and obstacle avoidance. It rapidly generates detailed home layouts and intelligently plans cleaning routes for efficient and thorough cleaning.

Product Introduction

AT701



Customized Cleaning Task

Flexible Configuration with Zoning Management

It provides customizable cleaning settings for different floor materials and areas like the living room, kitchen, and bedroom. This flexibility ensures optimal cleaning performance in every part of the home.

Product Introduction

AT701







3000Pa Strong Suction
High-Power and High-Speed Fan
Anti-Tangle Rolling Brush

Our proprietary ultra-high-speed fan delivers robust suction for every cleaning task, effectively removing dust from crevices, large and small particles, carpet debris, and pet hair.

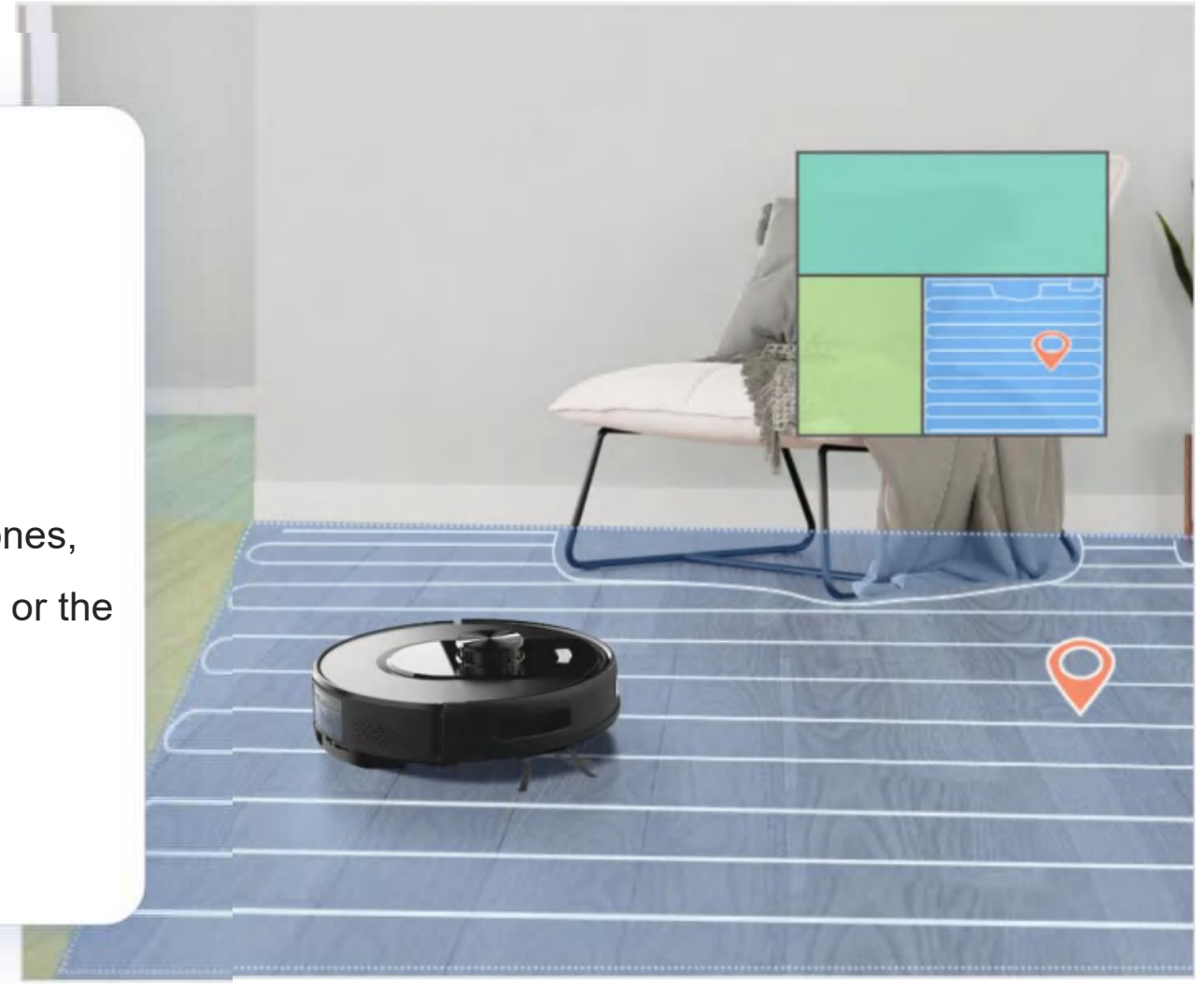
The anti-tangle V-shaped rolling brush, equipped with anti-static soft bristles, operates close to the ground and efficiently addresses issues of pet hair and long hair entanglement.

Product Introduction

AT701

Real-time Visualization of Cleaning Paths Automatic Zone-based Cleaning

It automatically divides the house into distinct zones, enabling you to clean one room, multiple rooms, or the entire home with ease.



Product Introduction

AT701



Enhance Cleaning Efficiency with S-shaped and Y-shaped Mopping Paths

It simulates manual mopping to effectively remove stains and achieve superior cleaning standards.

Three-level Water Volume Adjustment for Precise Control

It has a 240ml large-capacity electronically controlled water tank with three adjustable levels: low, medium, and high. This intelligent water regulation ensures uniform water distribution. The low setting conserves water, while the high setting efficiently removes stubborn stains, ensuring thorough floor cleaning.

Product Introduction

Model

LDS Laser Navigation



Model： X6



Model： X6



Model： X6

Product Introduction

Model

LDS Laser Navigation



Model： X6



Model： X6



Model： X51

Product Introduction

Model X51



Parameter

X51 Robot Vacuum Cleaner, Laser Navigation

Model: X51

Color: Black

Rated voltage: 14.4V

Rated power: 40W

Obstacle-crossing: 20mm

Suction power: 3000Pa

Battery capacity: 2600mAh

Fall protection height: ≤80mm

Working time: 90~120min

Resume cleaning: Support, automated trigger

Carpet pressurization: Support, automated turbo

Dimensions: 320*320*95mm

WiFi+Bluetooth: Support 2.4G WiFi module

2 in 1 water tank and dustbin: Dustbin 400ml Water tank 240ml

Working noise: ≤65dB(at a distance of 100cm)

Side brush: Support one side brush or two side brush

Auto recharging: Yes

Product Introduction

Model X6



Parameter

X6 Robot Vacuum Cleaner, Laser Navigation

Model: X6

Color: Black

Rated voltage: 14.4V

Rated power: 40W

Obstacle-crossing: 20mm

Suction power: 3000Pa

Battery capacity: 2600mAh

Dustbin: 650ml

Water tank: 350ml

2 in 1 water tank and dustbin: Dustbin 400ml Water tank 240ml

Working noise: ≤65dB(at a distance of 100cm)

Side brush: Support one side brush or two side brush

Fall protection height: ≤80mm

Working time: 90~150min

Resume cleaning: Support, automated trigger

Carpet pressurization: Support, automated turbo

Dimensions: 345*345*97mm

WiFi+Bluetooth: Support 2.4G WiFi module


Robot Vacuum Cleaner X6
Laser Navigation

LDS Laser Navigation

360° Ultra-fast Scanning with Precise Ranging for Obstacle Avoidance

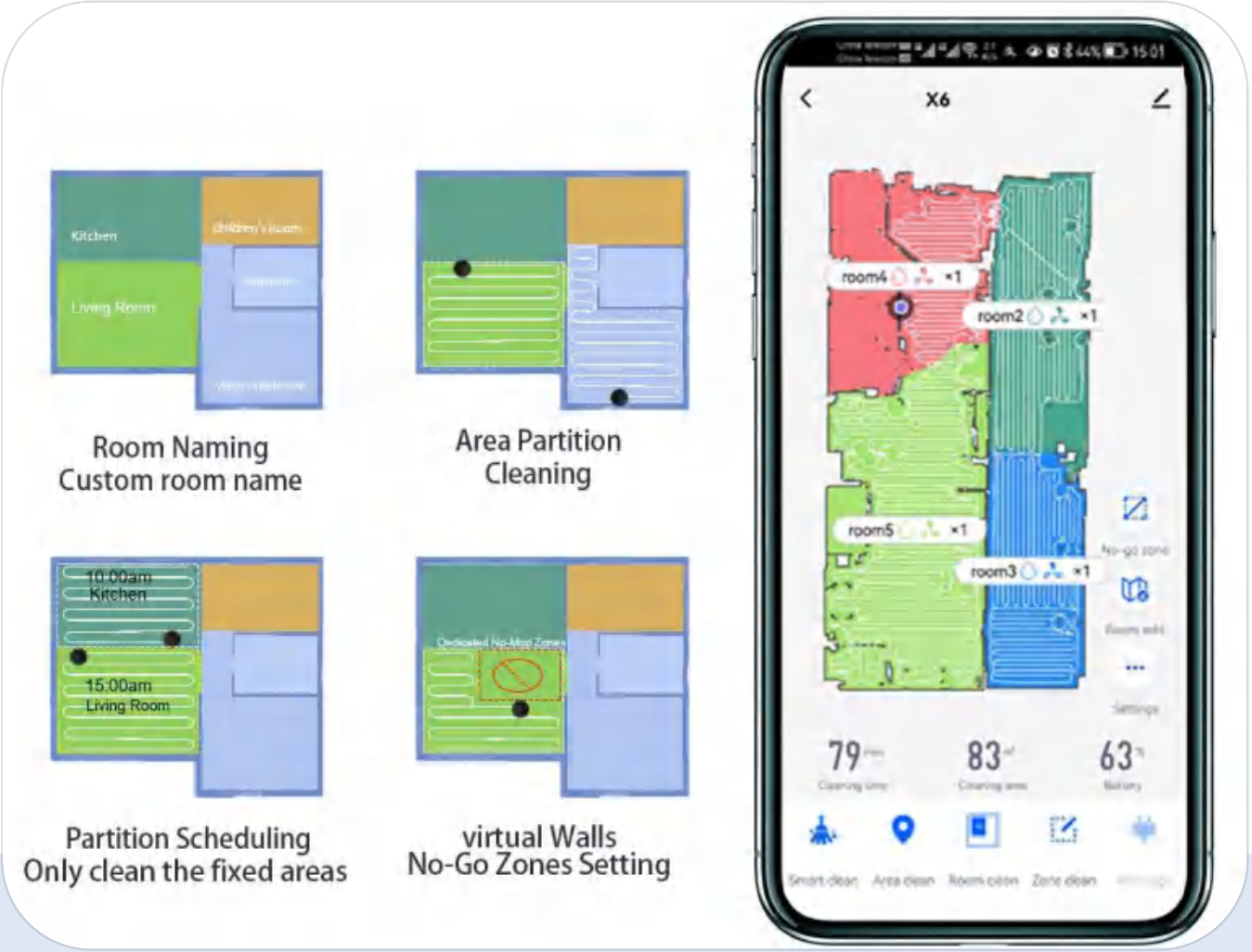
The advanced laser scanning system employs an enhanced algorithm, delivering faster operation, higher precision, and extended scanning range. This enables smarter navigation in complex environments.



Smart APP Control

Customized Cleaning Settings: Clean Where You Need

It integrates artificial intelligence with laser radar ranging, utilizing an efficient and precise SLAM algorithm to generate the entire home map. It accurately identifies room areas, allows flexible zone customization, and provides adjustable settings for cleaning and mopping water volume, suction power, and cleaning sequence.





The laser obstacle avoidance sensor provides highly sensitive detection of obstacles

The laser obstacle avoidance sensor monitors the home environment in real time, ensuring accurate and precise perception of complex environments. Even in highly cluttered conditions, it can adeptly avoid obstacles and efficiently handle a variety of challenges.

- Map Storage
- Automatic height detection
- Rapid Sensing
- Obstacle Identification

Powerful Stain Removal and Dust Cleaning

The Y-shaped mopping path mimics hand mopping to remove persistent stains thoroughly.

The upgraded mopping system uses a Y-shaped path to mimic hand mopping motions and applies high pressure. It features an intelligent water tank with three adjustable flow settings for even water distribution on the mop. The system maintains consistent pressure during mopping, ensuring the floor appears freshly polished.



3000Pa powerful suction for dust collection

Anti-tangle bristle and rubber rolling brush

The bristle and rubber rolling brush penetrates floor crevices to collect dust and hair efficiently. Its flexible design ensures quiet operation at high speeds, achieving thorough cleaning without missed spots or hair tangling.

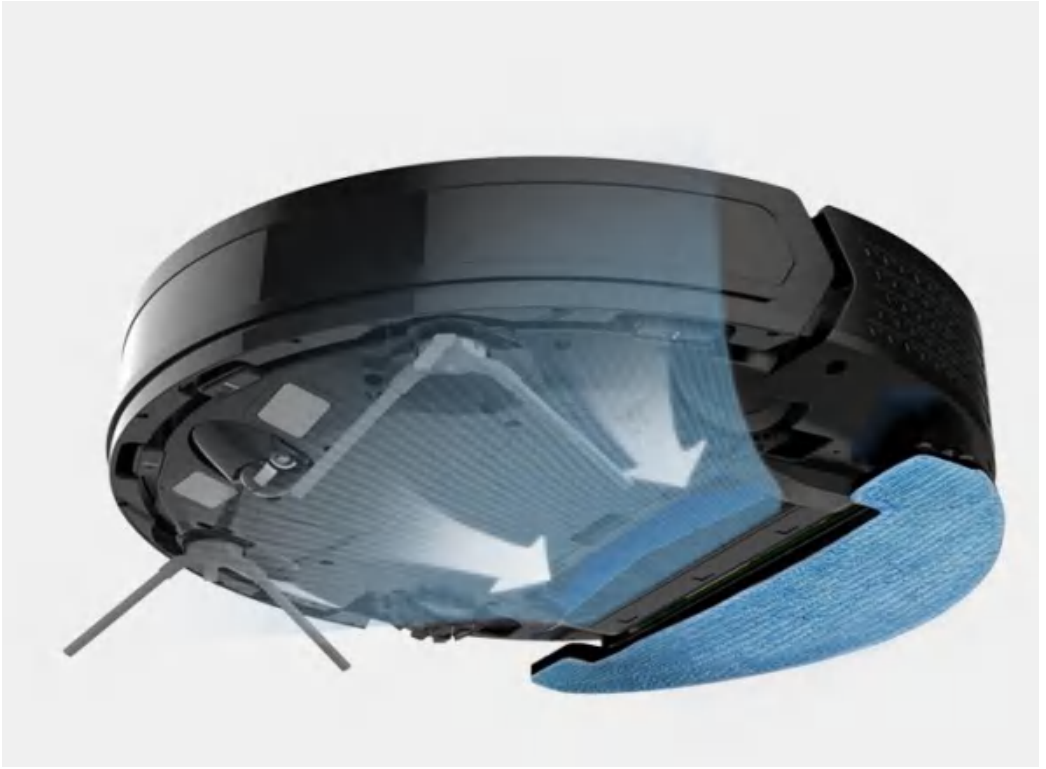


Floating main brush

Corner cleaning

All-in-one cleaning anc mopping

S-shaped and Y-shaped cleaning path



Product Introduction

Model

Gyroscope + Main Brush



Model： V6S



Model： V6S Blue



Model： V6V

Product Introduction

Model V6S



Parameter

V6S Robot Vacuum Cleaner (Gyroscope + Rolling Brush)

Model: V6S

Color: Black

Rated voltage: 14.4V

Rated power: 35W

Obstacle-crossing: 20mm

Suction power: 3000Pa

Battery capacity: 2600mAh

Dustbin: 650ml

Water tank: 350ml

Fall protection height: ≤80mm

Working time: 90~150min

Carpet pressurization: Support, automated turbo

Dimensions: 345*345*76mm

WiFi+Bluetooth: Support 2.4G WiFi module

Remote Control: Yes

2 in 1 water tank and dustbin: Dustbin 400ml Water tank 250ml

Working noise: ≤65dB(at a distance of 100cm)

Side brush: Support one side brush or two side brush

Product Introduction

Model

Gyroscope + Suction Port



Model： V7S



Model： V75S



Model： V72S

Product Introduction

Model

Gyroscope + Suction Port



Model： V71S



Model： V73S



Model： V74S

Product Introduction

Model

Gyroscope + Suction Port



Model： V32S



Model： V3S Pro



Model： V31S

Product Introduction

Model V7S



Parameter

V7S Pro Robot Vacuum Cleaner, Gyroscope + Suction Port

Model: V7S

Color: Black

Rated voltage: 7.4V

Rated power: 20W

Obstacle-crossing: 18mm

Suction power: 2000Pa

Battery capacity: 4400mAh

2 in 1 water tank and dustbin:

Dustbin 400ml Water tank 240ml

Working noise: ≤65dB(at a distance of 100cm)

Side brush: two side brush

Electronic control water tank: Yes

Fall protection height: ≤80mm

Working time: 90~120min

Carpet pressurization: Support, automated turbo

Dimensions: 305*305*75mm

WiFi+Bluetooth: Support 2.4G WiFi module

Remote Control: Yes

Auto recharging: Yes

Product Introduction

Model V3S Pro



Parameter

V3S Pro Robot Vacuum Cleaner, Gyroscope + Suction Port

Model : V3S Pro

Color : Black

Rated voltage : 7.4V

Rated power : 15W

Obstacle-crossing: 15mm

Suction power : 1800Pa

Battery capacity : 4400mAh

Water tank volume: 180ml

Dustbin capacity : 600ml

Working noise : ≤65dB(at a distance of 100cm)

Side brush : two side brush

Fall protection height: ≤80mm

Working time: 90~120min

Carpet pressurization: Support, automated turbo

Dimensions: 320*320*78mm

WiFi+Bluetooth: Support 2.4G WiFi module

Remote Control: 10-button remote control

Auto recharging: Yes

Product Introduction

Model

Random + Suction Port



Model： V2S



Model： V2S



Model： V2S

Product Introduction

Model V2S



Parameter

V2S Robot Vacuum Cleaner (Random + Suction Port Model)

Model	: V2S
Color	: Black
Rated voltage	: 7.4V
Rated power	: 15W
Obstacle-crossing	: 14mm
Fall protection height	: ≤60mm
Working time	: About 60min
Suction power	: 1500Pa
Battery capacity	: 2000mAh
WiFi+Bluetooth	: Support 2.4G WIFI module
Dimensions	: 290*290*78mm
Side brush	: two side brush
Dustbin capacity	: 400ml
Water tank volume	: 150ml
Working noise	: ≤65dB
Remote Control	: 6-button remote control
Auto recharging	: Yes

Product Introduction

Model

Random + Suction Port
+ Manual Recharge



Model: V1

Product Introduction

Model V1



Parameter

V1 Robot Vacuum Cleaner (Random + Suction Port+ Manual Recharge)

Model	: V1
Color	: Black
Rated voltage	: 7.4V
Rated power	: 10W
Working time	: About 60min
Suction power	: 1200Pa
Battery capacity	: 1800mAh
Dimensions	: 310*310*80mm
Side brush	: two side brush
Dustbin capacity	: 400ml
Working noise	: ≤65dB(at a distance of 100cm)
Battery charging	: 5V 2A TEPY-C
Fall protection height	: ≤60mm

Product Introduction

Model

Window Cleaning Robot



Model： C100



Model： C101

Product Introduction

Model C100



Parameter

Window Cleaning Robot C100

Model	: C100
Color	: Apricot Pink
N.W.	: 1.1kg
Product dimension	: 295*145*82 mm
Input voltage	: AC180-240V~50/60Hz
Voltage of adapter	: 24V, 3.0A
Rated power	: 72W
Water tank	: 70ml
Suction force	: 2800Pa±10%
Motor type	: Brushless
Noise	: 67 dB
Cleaning speed	: 4mins/m²
Built-in battery	: 500mAh
Control mode	: 2.4G
Edge detection	: Automatic(frame glass)
Cleaning mode	: Auto/Manual

Product Introduction

C100





Corporate Vision

We are dedicated to becoming a global leader in the innovation of home intelligent robotics sector. By relentlessly pursuing technological advancements and refining our services, we deliver exceptional product experiences and smart home solutions to our clients. Embracing sustainable development, we actively shoulder our social responsibilities, propelling both industry evolution and societal flourishing.

We are convinced that through our collective efforts and unwavering commitment, our company will sustain steady growth, earning the pride of our employees, the trust of our customers, and the respect of society at large.

TAKDIR

合作共赢 共创未来

Win-Win Cooperation, Jointly Shaping the Future

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