DREAME

AI Action

TÜV SÜD
CHINA
Type Tested
Production Monitored
- Efficient oil stain cleaning
- Full coverage cleaning of edges and corners
  *Test conducted in right angle wall corners
- AI recognition Accurate obstacle avoidance
- No entanglement on rolling brush & edge brush
tuvsud.com/ps-cert
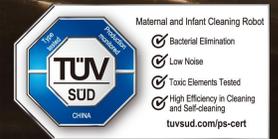
TÜV SÜD
CHINA
Type Tested
Production Monitored
Maternal and Infant Cleaning Robot
- Bacterial Elimination
- Low Noise
- Toxic Elements Tested
- High Efficiency in Cleaning and Self-cleaning
tuvsud.com/ps-cert

Matrix10 Ultra Product Guide
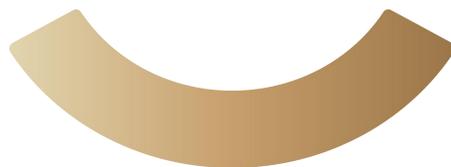
Contents

DREAME

1

Introduction

Matrix10 Ultra

Matrix10 Ultra

Omni-Sensitive & Smart Obstable Avoidance		Powerful and Thorough Cleaning		All-in-One Auto Maintenance		Intelligent Precision	
Upgraded 8cm ProLeap™ System	Triple-Wheel AgiLift™ Chassis	Multi-Mop Switching Dock	HyperStream™ Detangling DuoBrush System	100℃ ThermoHub™ Mop Self-Cleaning	Upgraded AceClean™ DryBoard	Pet-Friendly Care 4.0	Upgraded Intelligent Carpet Cleaning
VersaLift Navigation	Smart 3DAdapt™ Obstable Avoidance	30,000Pa Vormax™ Suction	Thermal Mop Pad	Three-Solution Compartment	DashDry™ System	Direct Voice Control	Matter Protocol Supported
		SideReach™ Vacuuming & Detangling Side Brush	TripleUp Tech	Auto Water Tank Refilling for Mopping	Auto-Empty		
		Dual Omni-Scrub Mopping with 165 RPM Rotating Speed	MopExtend™ Roboswinging Technology		Compatible with the Water Hookup Kit for Auto Refilling and Draining****		
		OmniDirt™ Detection	Mop Rewashing and Floor Remopping*				

*Based on our in-house lab data. Actual performance may vary.
**30% faster: Data comes from Dreame Lab, compared to Dreame's robot vacuum models without fast charging.

Overall Comparison

Product Name		Matrix10 Ultra	X50 Ultra
	Navigation	VersaLift DToF	VersaLift DToF
	Obstacle Avoidance	AI + Duall-Laser 3D Structured Light + LED LIght	AI + Dual-Laser 3D Structured Light + LED Light
	Smart Recognition	RGB	RGB
	Main Brush Type	HyperStream™ Detangling DuoBrush system with Retractable Pressure Chamber	HyperStream™ Detangling DuoBrush
	Brush and Mop Lifting	√	√
	Dust Box Capacity	310ml	395ml
	Chassis Lifting	√, 30mm	x
	Obstacle Crossing Height	80mm (Two Steps) 42mm (Single Step)	60mm (Two Steps) 42mm (Single Step)
	Liftable Side Brush	√	√
Robot Vacuum Differences	Extendable Side Brush	√	√
	Anti-Tangle Side Brush	√	√
	Maximum Suction	30,000Pa	20,000Pa
	Voice Control	√	√
	Video Monitoring	√	√
	Dirt Detection	√	√
	Mop Type	Dual Omni-Scrub Mops	Dual Spinning Mops
	Mop Rotating Speed	165rpm	165rpm
	Mop Extending	√	√
	Mop Removal	√	√
	Battery Capacity	6,400 mAh	6,400 mAh
	Multi-Mop Switching Dock	√	x
	Clean/Used Water Tank Capacity	5.5L / 4L	4.5L / 4.0L
	Dirt Detection/Mop Rewashing and Floor Remopping	√ (Multi-Spectrum*)	√ (Multi-Spectrum*)
	Mop Hot Air Drying	√ (Dust Bag, Dust Box and Mop Pad)	√ (Mop Pad)
Station Differences	Mop Hot Water Washing	√ (100℃ ThermoHub™ Mop Self-Cleaning)	√ (80℃)
	Washboard Auto Cleaning	√ , AceClean™ DryBoard	√ , AceClean™ DryBoard
	Auto Water Refilling	√	√
	Automatic Solution Adding	√ (Three Compartments)	√ (Single Compartment)
	Bacteria Removal Technology	√	√

Notes

1. This page and the information contained in it are not consumer-facing.

2. Product comparison information is for reference only. It cannot be used for external display or other promotions. This material does not represent Dreame Technology's official position on any other companies or their products.

*The photos are for reference only.

01 Introduction
Overall Comparison

Product Name		Dreame Matrix10 Ultra	Roborock Saros 10
Robot Vacuum Differences	Navigation	VersaLift DToF	Retracted LDS
	Obstacle Avoidance	RGB AI + Dual-Laser 3D Structured Light + LED LIght	Front Triple Structured Light + RGB AI Camera + VertiBeam™ Lateral Structured Light + LED Light
	Main Brush Type	HyperStream™ Detangling DuoBrush	DuoDivide™ Anti-Tangle Brush
	Brush Lifting	√	√
	Dust Box Capacity	310ml	TBD
	Bacteria Removal Technology	√	×
	Maximum Suction	30,000Pa	22,000Pa
	Obstacle Crossing Height	80mm (Two Steps) 42mm (Single Step)	40mm
	Chassis Lifting	√	√
	Liftable Side Brush	√	√
	Extendable Side Brush	√	√
	Mop Lifting	√	√
	Mop Extend	√	√
	Mop Removal	√	√
	Direct Voice Control	√	√
	Multi-Mop Switching Dock	√	×
	Battery Capacity	6,400mAh	6,400mAh
Station Differences	Dirt Detection	√, Multi-Spectral Dirt Recognition	√, Single Spectral Dirt Recognition
	Clean/Used Water Tank Capacity	5.5L/4.0L	4.0L/4.0L
	Mop Hot Water Washing	√ (100℃ ThermoHub™ Mop Self-Cleaning)	√ (85℃)
	Washboard Auto-Cleaning	√	√ (Non-Detachable)
	Hot Air Drying	√ (Dust Bag, Dust Box and Mop Pad)	√ (Mop Pad)
	Automatic Solution Adding	√ (Three Compartments)	√ (Single Compartment)

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DREAME

2

Selling Points

02 Product Features 1
Multi-Mop Switching Dock

New Dock Structure for Multiple Mop Types:
The Matrix10 Ultra features a newly designed dock that can hold up to three pairs of mops, each with different functions. During cleaning, the system can automatically switch between mops based on the cleaning area (e.g., living room, kitchen, bathroom) or the specific cleaning needs (e.g., heavy grease, wooden floors).

After AI identifies and defines the room type, it will change the mop pad automatically.
1. Kitchen: The Matrix10 Ultra will use a nylon bristled scrubbing mop pad that can clean grease for cleaning.
2. Bathroom: The Matrix10 Ultra will automatically switch to another mop pad, which has better water absorption and prevents more bacteria growth.
3. Other regular rooms such as the living room, study, etc.: The Matrix10 Ultra will use another mop pad to maintain a constant temperature while mopping, enhancing cleaning power.
**3.1 Using pet cleaning solution for pet care**, pet deodorizing solution can reduce manual maintenance and decrease odors in litter boxes and pet activity areas.
3.2 Using wood floor care solution for deep cleaning of wooden floors makes them cleaner and shinier, while also protecting the quality of the wood.

*40°C : Based on our in-house lab data. Actual performance may vary.
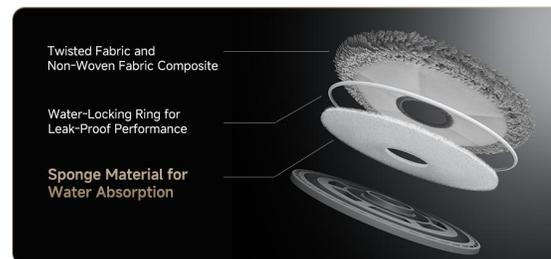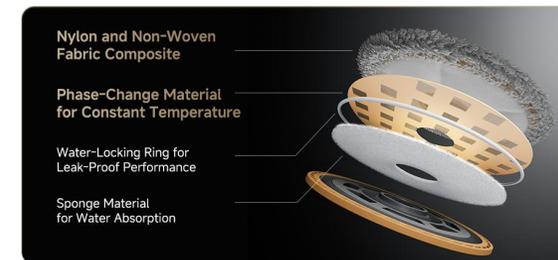
Three Pairs of Mop Pads Available:
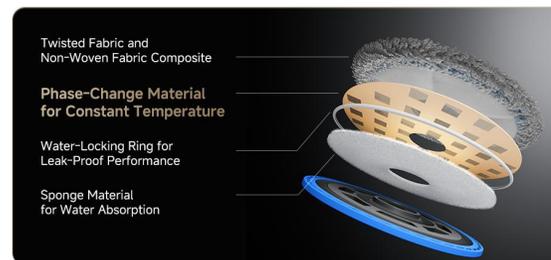
Thermal Mop Pads:

The thermal mop pad utilizes phase change materials that absorb or release significant latent heat during the phase change process. Hot water mopping keeps the mop pad above 40°C*. The phase change ensures consistent heat transfer, enhancing the mop pad's effectiveness. Used in conjunction with a deodorizing agent, it helps prevent bacterial growth caused by standing water in the bathroom.

Twisted Fabric and Non-Woven Fabric Composite
Phase-Change Material for Constant Temperature
Water-Locking Ring for Leak-Proof Performance
Sponge Material for Water Absorption

Nylon Bristled Scrubbing Mop Pads:

Traditional mop pads can struggle with stubborn grease and dirt in areas with heavy grease, such as kitchens or dining rooms. Designed for stubborn grease in the kitchen, the nylon bristled scrubbing mop pad enhance scrubbing power while being gentle on floors and promoting health.

Nylon and Non-Woven Fabric Composite
Phase-Change Material for Constant Temperature
Water-Locking Ring for Leak-Proof Performance
Sponge Material for Water Absorption

Sponge Water Locking Mop Pads:

The bathroom area often experiences a lot of water stains, which can easily lead to bacterial growth. The absorbent sponge cloth, designed specifically for areas with excessive moisture, features a built-in 3mm sponge pad that can quickly absorb water, keeping the bathroom dry and promoting health.

Twisted Fabric and Non-Woven Fabric Composite
Water-Locking Ring for Leak-Proof Performance
Sponge Material for Water Absorption

*The videos are for reference only.

Adapt to Uneven Floors and Thresholds

Dual Omni-Scrub Mopping

Introducing the first-of-its-kind self-adjusting dual Omni-Scrub mop pad, designed with a built-in tilt angle for improved ground contact. It increases pressure on the mop pad for effective cleaning on various thresholds and uneven surfaces, such as textured tiles.

Full-Direction 10-Degree Tilt

Supports a 10-degree tilt (±5 degrees) for all-direction adaptability.
Up and Down Float: A 3mm float range (+2/-1mm) allows it to conform to uneven floors.
High-Speed Rotation and 8N Pressure: Provides strong stain removal.

165 RPM Rotating Speed

Use the maximum mopping speed for both dry and wet stains.

*165rpm: Based on our in-house lab data. Actual performance may vary.

Normal Scrub Mopping vs Omni-Scrub Mopping

*The videos are for reference only.

Step Up Your Cleaning with Advanced Obstacle Clearance

The robot vacuum features a set of a retractable leg and a swinging arm in front of each drive wheel for clearing single-layer steps up to 4.2cm and double-layer ones up to 8cm*.

The 2 Methods Are:

1. Synchronized Crossing:
The robot vacuum rotates its swinging arms clockwise on each side, simultaneously elevating both legs to clear the barriers like pole vaulting. When the legs are upright, the lifted robot vacuum can cross over. Afterward, the swinging arms return to their original positions, and the legs retract.

2. Hurdle-Style Crossing:
The robot vacuum rotates its left swinging arm clockwise to engage the left leg, and the right set follows afterward to clear the barriers, mimicking a hurdle jump. This method makes passing over sliding door tracks and U-shaped furniture easier without causing damage.

Before clearing obstacles, the dual-laser sensor intelligently identifies their height and decides the optimal strategy. During the crossing, the bottom ToF sensors measure the lifted robot vacuum's distance above the obstacles and the ground for safe descents and ascents.

**8cm: 8cm refers to the double-layer step's height where the top surface of the lower step is over 12cm wide. For a single-layer step, the highest height is 4.2cm. Based on our in-house lab data.
*The default method is hurdle-style crossing. You can change to synchronized crossing via the cleaning app.

*The videos are for reference only.

Enhance your cleaning with the Triple-Wheel AgiLift™ Chassis

The chassis features independently adjustable three-wheel control (1 omnidirectional wheel & 2 drive wheels), applying different strategies to clearing obstacles of different heights.

Easily handles various thresholds.

Crosses standard thresholds and entering rooms like kitchens, bathrooms, and balconies with thresholds for cleaning. You can also cross the legs of the U-shaped chair for thorough cleaning. It can even cross complex double-layer thresholds up to 30mm, ensuring seamless movement across various surfaces.

Easily cleans medium to long-pile carpets.

The chassis lifts 11mm, allowing strong suction to penetrate carpet fibers without clogging. Enjoy cleaner carpets and superior cleaning results. It protects carpets from getting wet during cleaning and is suitable for both long and short-pile carpets.

*21.5mm: The height of 21.5mm refers to the combined elevation of the chassis and the mop; this feature is not recommended for carpets exceeding 15.5mm in height, as higher carpets may risk dampening or getting wet. Additionally, for carpets with pile heights exceeding 30mm, users are advised to set avoidance areas in the app or to remove the mop.

Triple-Wheel AgiLift™ Chassis

Easy Carpet Climbing
21.5mm

Sliding Door Rails

U-Shaped Chair Legs

*The videos are for reference only.

Clean Under Low Furniture with VersaLift

Auto Lifting and Retracting DToF Sensor
The robot vacuum is equipped with a retractable DToF system that allows it to navigate nimbly under low sofas and beds where traditional cleaning tools find hard to reach.

Up to
4 Maps

Types of Objects*
240+
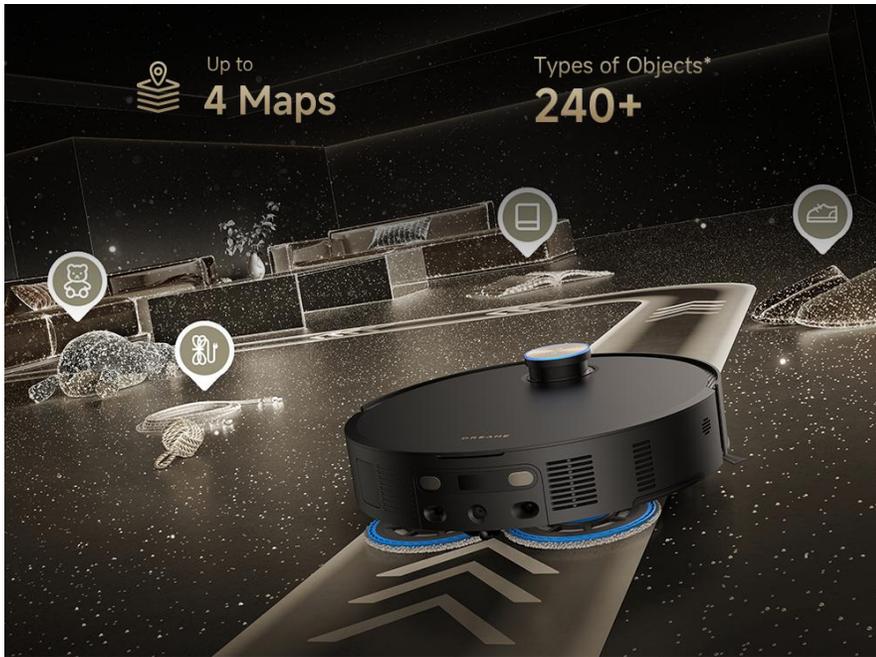
*89mm minimum entry height: After opening the VersaLift navigation, the robot vacuum will clean under furniture nearly level with the robot vacuum's body, which may scratch the robot vacuum. Please ensure the furniture bottom and edges are flat and without protrusions before enabled.

1. Lifts in Open Spaces

The robot vacuum uses its lifted DToF sensor to scan the surroundings in 360 degrees without changing direction, speeding navigation with optimal precision.
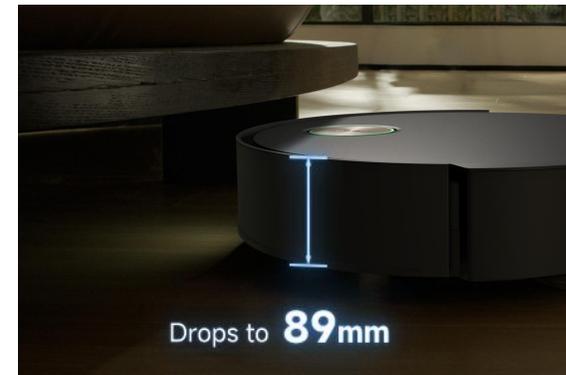
2. Retracts in Low Spaces

The robot vacuum fully retracts the DToF sensor under low furniture and resumes tasks with its two AI cameras, illuminating with LED lights. It captures RGB images to create a 3D perception of low areas to access more areas of your home.

Drops to **89mm**

*The videos are for reference only.

Hyper-Clean 100% of Hair*

Hard Floors

Bristled Rubber Brush

Bristled Rubber Brush:

This brush makes comprehensive contact with the floor. It features soft nylon bristles and TPU flexible rubber, efficiently removing dust from floor gaps.

AI Action

100%
Detangling Side Brush*

50cm
Long Hair*

TPU Rubber Brush:

This brush gently touches the floor with its fully-TPU soft rubber construction, lifting debris and large particles from carpets.

Carpets

TPU Rubber Brush

Automatically rises for flat surfaces: When cleaning flat surfaces, the pressure chamber automatically lifts to return to the standard cleaning mode, saving on energy consumption.

*100%: Based on our in-house lab data. Actual performance may vary.

*The videos are for reference only.

Easily Wipe Oil Stains with 100°C Hot Water

ThermoHub™ Mop Self-Cleaning:
By installing a washboard's PTC system, the system can raise the surface temperature to a maximum of 100°C, achieving high-temperature washing of the mop pad.

Multiple Safety Measures:
After cleaning, the washboard's PTC system temperature automatically drops to a safe level before the robot vacuum leaves the base station, ensuring the base station won't burn children and pets (the mop pad leaves the washboard, and the PTC system is at a safe temperature).
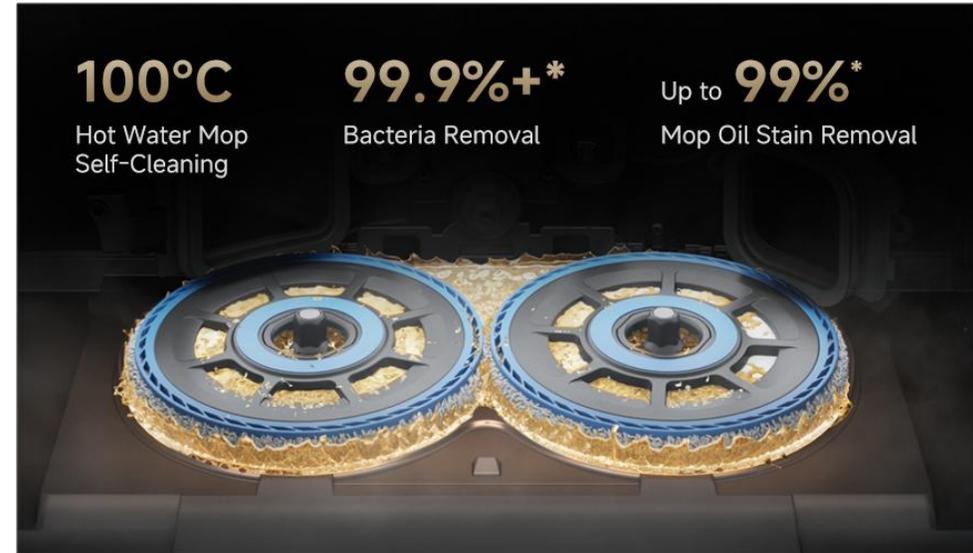
Upgraded Breakdown:
Step 1: A newly added heating element at the bottom heats the water and maintains it at 100 degrees.
Step 2: Hot water rinses the mop pads through 20 spray nozzles.
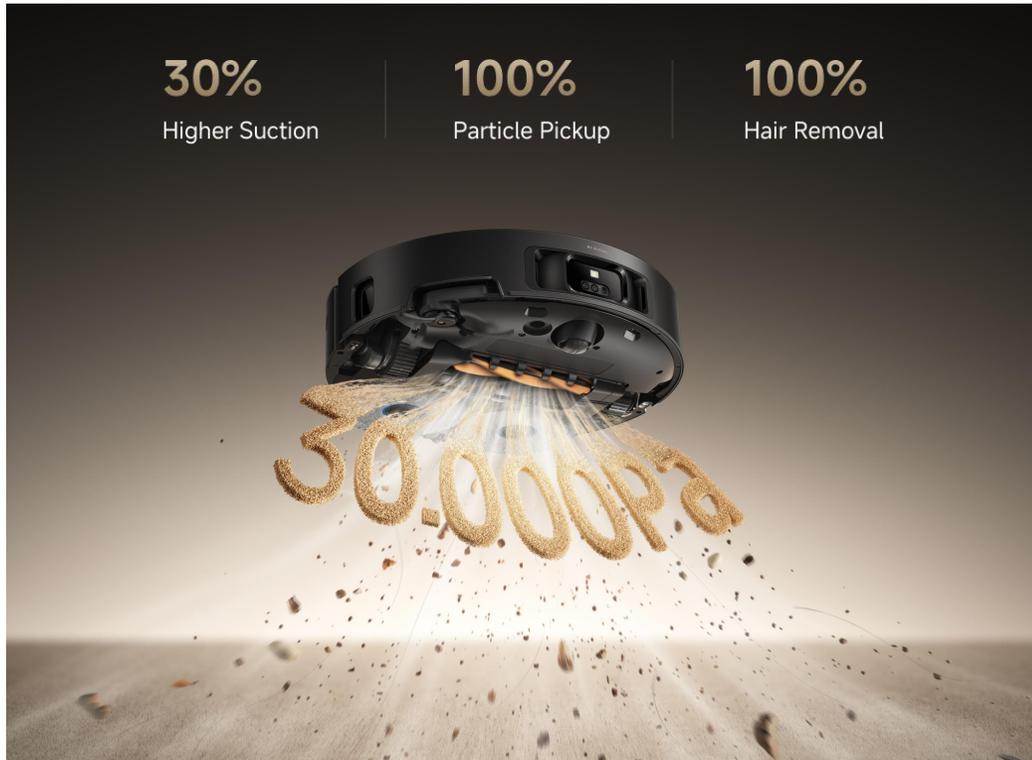**Step 3:** The fast-rotating mop pads scrub the washboard clean.
Step 4: The filter is removed, and the newly added suction port effectively removes dirt, keeping everything clean.

*100°C: Temperatures above the washboard's PTC system can reach 100°C after heating under ambient room temperature conditions (around 23°C), based on our in-house lab data. Actual temperature may vary.

100°C
Hot Water Mop Self-Cleaning

99.9%+*
Bacteria Removal

Up to **99%***
Mop Oil Stain Removal

Dreame Matrix10 Ultra

Others

VS

Integrated design prevents dirt buildup.

Complex structure, dirt accumulation.

*The picture is for reference only.

30% Higher Suction | 100% Particle Pickup | 100% Hair Removal

Picks Up Heavy Messes with up to 30,000Pa Suction Power*

Matrix10 Ultra delivers up to 30,000Pa* suction to effectively capture debris like paper scraps, hair, and cat litter from various surfaces—all while operating quietly. You can also adjust the suction levels easily through the cleaning app.

Additionally, all gearboxes in the unit have undergone noise reduction and silent treatment. Hundreds of users have tested the machine in real-world scenarios, earning the "TUV Low Noise Cleaning" professional certification.

*30,000Pa: Based on tests in our in-house lab. Actual performance may vary depending on usage.
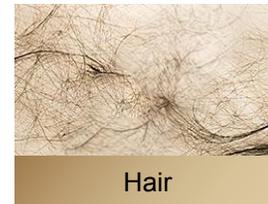
Hair | Paper Scraps | Cat Litter

*The videos are for reference only.

Three-Solution Compartment for Customized Cleaning Liquids

The Three-solution compartment contains three solutions: one is a pet odor solution, one is a wood floor care solution and one is a floor cleaning solution. Say goodbye to single cleaning modes; multi-solution compartment covers a broader spectrum of cleaning needs.

Pet odor solution：
Odor-Eliminator Ingredient for Pet Waste: Soybean Ethyl Sulfate. Sources of Household **Odors:** Pet urine contains ammonia, nitrogen, sulfur, and hydrogen sulfide in pet feces. Soybean Ethyl Sulfate is an efficient deodorizer primarily used to remove pet odors.

Users can choose to use the pet odor solution during the mopping process.
Options for how frequently users can use Compartment B's solution:
- **Regular:** Applied once every 7 days during overall cleaning, suitable for daily cleaning scenarios.
- **Frequent:** Use the solution whenever cleaning the mop pad.

Wood Floor Care Solution：
Wood floor damage: daily use of friction scratches, ultraviolet oxidation, water infiltration will cause the floor surface protective layer to wear, matte/white phenomenon. The main components of wood floor care solution are water, polyurethane resin, natural plant wax emulsion, solvent, fragrance and other components, specially designed for intelligent machine concentrated floor curing cleaner.

Users can choose to use the wood floor care solution after the mopping process.
Options for how frequently users can use Compartment C's solution:
- **Regular:** Applied once every one month during overall cleaning, suitable for regular maintenance scenarios.
- **Frequent:** Use the solution after cleaning the mop pad.

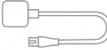**A: floor cleaning solution**

B: pet odor solution

C: wood floor care solution

*The picture is for reference only.

DREAME

3

Package List

03 **Package List -** Matrix10 Ultra

Package List		Quantity	Package List		Quantity
Robot Vacuum		x1	Mop Pads (pre-installed x6)		x12
Base Station		x1	Dust Bags (pre-installed x1)		x3
Main Brush (pre-installed x1)		x1	Cleaning Solution (1L Floor Cleaning Solution x1, 200ml Pet Odor Solution x1 and 200ml Wood Floor Care Solution x1)		x3
Brush Guard (pre-installed x1)		x1	Auto Solution Dispenser Module (Three-Solution Compartment x1 (pre-installed))		x1
Side Brush (pre-installed x1)		x2	Base Station Ramp Extension		x1
Dust Box (pre-installed x1, including Dust Box Filter)		x1	Power Cord x1		x1
Dust Box Filters(pre-installed x1)		x3	Quick Start Guide		x1
Mop Pad Holder		x6	User Manual		x1

For reference only, please refer to the actual product.

DREAME

4

Specifications

04 Specifications

Obstacle Crossing Height	80mm (Two Steps) 42mm (Single Step)	**Chassis Lifting Height**	30mm
Navigation	VersaLift DToF	**Obstacle Avoidance**	AI RGB + 3D Structured LightLightLED +
Main Brush Type	HyperStream™ Detangling DuoBrush System with Retractable Pressure Chamber	**Maximum Suction (Pa)**	30,000Pa
Brush Lifting	√	**Mop Type**	Dual Omni-Scrub Mops
Liftable Side Brush	√	**Mop Material**	Thermal Mop Pads Sponge Water Locking Mop Pads Nylon Bristled Scrubbing Mop Pads
Extendable Side Brush	√	**Mop Rotating Speed**	165rpm
Mop Extending	√	**Battery Capacity (mAh)**	6,400mAh
Mop Removal	√	**Dust Box Capacity**	310ml
Mop Lifting	10.5mm	**Clean/Used Water Tank Capacity**	5.5L/4.0L
Voice Control	Built-in Voice Control System and Supported with Third-Parties	**Dirt Detection/Mop Rewashing and Floor Remopping**	√(Multi-spectrum*)
Auto Mop Cleaning with Hot Water	√(100℃ ThermoHub™ Mop Self-Cleaning)	**Self-Cleaning Washboard**	√ (AceClean™ DryBoard™)
Hot Air Drying	√ (Dust Bag, Dust Box and Mop Pad)	**Auto Solution Adding**	√ (Three Compartment)
Auto Solution Refilling for Mop-washing and Mopping	√	**Auto Emptying**	√
Bacteria Removal*	√	**Multi-Mop Switching Dock**	√

THANKS