



WHIZ

A Smart Clean Proven for Healthier Spaces.

SMART CHANGE STARTS HERE.



USE CUTTING EDGE AI TO DELIVER ELEVATED HEALTH & SAFETY

Changing Professional Cleaning with Breakthrough AI Navigation Technology



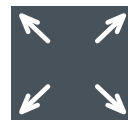
Innovation

Leverage robotics and automation to drive brand value, differentiate from the competition, and move your business forward.



Resilience

Reinvent and monitor your physical environment with adaptable technology and real-time data.



Experience

Meet and exceed occupant expectations to attract customers and talent, improve productivity, and foster revenue growth in your ecosystem.



Cleanliness

Live healthier in your day-to-day spaces with increased cleaning frequency, coverage, efficacy, and HEPA filtration.

>10,000

Whiz
DEPLOYED
world-wide

>208K

**MILES
COVERED**
by Whiz

NO. 1

GLOBALLY
In the autonomous
professional
cleaning robot
market

EASY TO USE

User friendly, Whiz works right out of the box, so teams can start benefiting right away.

COVER MORE GROUND

Whiz learns all the routes your team needs—and cleans up to 5,380 ft² per hour.

REAL-TIME ALERTS

A notification pager alerts your team when Whiz is done—or if it needs a hand.

SAFETY AND PERFORMANCE

Whiz autonomously avoids people, glass walls, cliffs, and other hazards.

**AUTONOMOUS AND
MANUAL MODES**

Let Whiz do the work, or take control when you need to.

CONFIRMED CLEAN

Whiz delivers robust cleaning performance data that can easily be shared with critical stakeholders.





**Simple to Use.
Simple Set-up.**

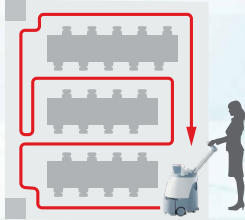
Teach a cleaning
route and press
the start button.
It's that simple.

Create a route (Teaching)

1. Set the Home Location Code as the starting point.
2. Manually push Whiz through the cleaning route to teach.

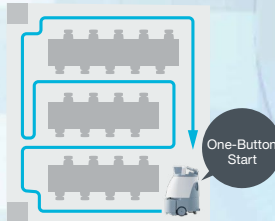


Use the Home
Location Code to
define start and
end point.



Moves autonomously along the cleaning path

After initial use, simply press the
start button for autonomous cleaning.
Capable of memorizing several routes.



Whiz detects and avoids obstacles, responding to environmental changes.

**Multiple sensors detect obstacles, stairs,
and human movement. Whiz avoids
objects or stops until the route clears.**



Access and
clean narrow
spaces, even
along hallway
wall edges.

Detects Obstacle



Detects Movement



What is the A3 Lumitester smart test kit?

- The A3 Test is a common sanitary cleanliness test used to test the cleanliness of a surface during food preparation.
- It is used to test the presence of:
 - (a) Adenosine triphosphate (ATP)
 - (b) Adenosine diphosphate (ADP)
 - (c) Adenosine monophosphate (AMP)

[ATP is known to be hydrolyzed to adenosine diphosphate (ADP) and adenosine heat treatment or in acidic/alkaline conditions.]

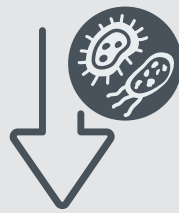
- Using ATP swabs has been recommended as a cleanliness test by the U.S. Center for Disease Control and Prevention as one of the objective methods to evaluate environmental hygiene.
- SoftBank Robotics used A3 Lumitester Smart Test Kit to test for surface A3 level.



RESEARCH FINDINGS

SoftBank Robotics conducted research in Tokyo, Japan to evaluate the effectiveness of Whiz to clean office buildings. The study was conducted across **116 sites¹**.

FINDINGS



Whiz helped to **decrease airborne fungi** in indoor environments by **80%**.

There is a **correlation** between **floor cleanliness** and **air cleanliness**.



Hence, keeping the floor clean will result in better air quality.

Manual cleaning



The concentration of **airborne fungi²** (n/cubic meter) was **20,000 to 30,000**.

Using Whiz



The **residue** and **microorganisms** remain constant at **2,000 RLU** to **4,000 RLU**.

Airborne fungi remained at a range of **4,000 to 6,000**.

¹SoftBank Robotics Global Study, 2019

² Measured using "Microbe Sensor BM-300C"

SPECIFICATIONS

Specifications and/or design details may change without prior notice.

ROBOTIC OPERATING SYSTEM	
BrainOS	Autonomous navigation software
Safety Features	Safety sensors detect and maneuver around people, objects, and cliffs.
HARDWARE FEATURES	
Size	18.6 in x 17.9 in x 25.7 in 455 mm x 474 mm x 653 mm
Battery	Lithium ion; 23.7 Ah, 25.2V
Run Time	3 hours on a single charge
Dust Bag Capacity	4.0 L
HEPA Filtration	Yes
Noise Level	Normal mode 62 db
Consumable Parts	HEPA filters, dust bag, brush, home location code
Weight	Machine weight: 66 lbs / 30 kg Battery weight: 11 lbs / 5 kg
Cleaning Productivity	5000 ft ² - 6000 ft ² / hour 465 m ² - 557 m ² / hour
Max Speed	1.1 mph 1.8 km/h

SUPPLIES

Includes charger, home location code, vacuum motor, and other accessories.



Paper Bag
Easy disposal;
4L max capacity



Brush
Removable rotating brush,
auto height adjust



HEPA Filter
Captures 99.97% of PM2.5 particles,
including pollen and house dust



Battery
Replaceable
lithium ion battery

PARTS/FUNCTIONS

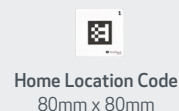
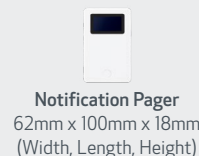
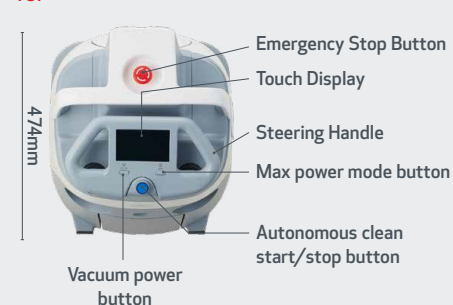
FRONT



BACK



TOP



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