
Waterproof
Dustproof
Contamination-Free

SAVVY ROBOTICS

Redefining the Limits of Robotics.

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01 Three Core Innovations

Faster and more precise than humans, we redefine the bio process.
SAVVY ROBOTICS' BIOCLEAR ROBOT leads the future of the bio industry.



YouTube Link

https://youtu.be/YGdNdXwG_0A?si=yvQP5BAN6Osgy17y

Why SAVVY BIO Robots?

The world's only fully integrated bio robot with sterilization, cleanliness, and waterproof performance.

The world's only robot that fully meets cGMP standards, IP67 waterproof and dustproof ratings, and ISO Clean Class 4 requirements.
A proven, real-world solution that operates reliably even in the extreme sterilization environments of bio manufacturing.

The only robot that replaces technicians, cutting annual costs by 70%.

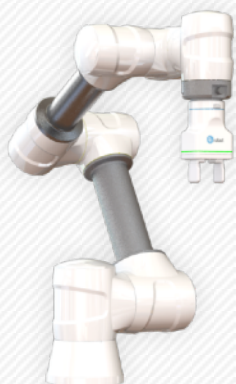
From cell culture to biopharmaceutical production, SAVVY ROBOTICS fully automates processes previously performed by skilled technicians.
One robot can replace 2-3 shift workers, achieving up to 70% labor cost savings within a year. It completely eliminates the risk of key personnel turnover or critical technology leaks.

The only bio-manufacturing platform connected with AI.

SAVVY ROBOTICS' system is the only one that can connect real-time process data collected during production with AI.
It establishes both consistent quality in critical manufacturing processes and an intelligent production system, setting a new standard for bio automation.

02 Our Core Competencies

Key Features



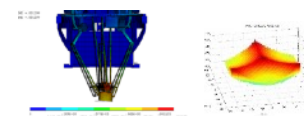
- Securing modular robot mechanisms and control technology
- Implementation of the highest performance compared to competitors in the same class
- IP67 waterproof and dustproof performance
- ISO CLEAN CLASS 4
- NSF H1 Food Grade

- In-house possession of robot design domain technology for implementing robots optimized for bio-manufacturing.

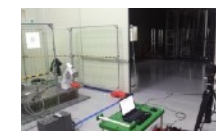
Success in development technology and mass production, from general industrial robots to bio-specialized



Securing mass production technology for various industrial robots.

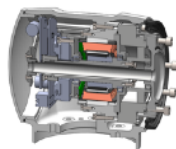


Structural and dynamic analysis technology

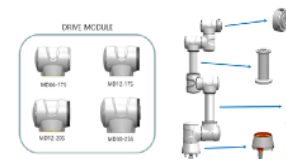


ISO9283 Standard robot performance evaluation technology

Bio-clean robot characterized by the combination of core drive modules and links



Core drive module design technology



Module and link combination



Rapid customer-customized special robot manufacturing technology

Bio-clean robot characterized by the combination of core drive modules and links



Highest level clean grade
ISO Clean Class 4



IP67 waterproof and
dustproof performance



External boltless design
Complete sterilization
performance



Built-in integration
of external robot
accessories

03 Field-Proven Robotics

Cell Therapy Production Automation System



· Customer

A Customer

· Robot application fields

Mass Production of Advanced
Biopharmaceutical Cell Therapies

Virus Concentration Automation System



· Customer

K-Water

· Robot application fields

Automated River Virus Testing
Equipment

Automated PCR Molecular Diagnostic Testing System



· Customer

C Major Korean Medical
Foundations

· Robot application fields

COVID-19 Testing - Automated
Inspection Line

04 Product Lineup

6-Axis Bio-Clean Robots



Payload Capacity: 2kg



Payload Capacity: 5kg

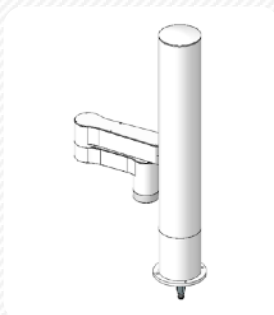


Payload Capacity: 10kg



Payload Capacity: 15kg

4-Axis Bio SCARA Robots



Payload Capacity: 2kg



Payload Capacity: 5kg

Bio Autonomous Mobile Robot



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