

# ROBOTIC LAB ASSISTANT



UniteLabs and Astech Projects have launched robotic lab assistant

*An automation tool that you can repurpose independently to new challenges without changes to your current laboratory infrastructure*

## Core benefits



### Flexibility

Build your own automation setups and change it as your application and priorities evolve



### Transport across labs

Move consumables or samples from storage to preparation and analysis



### Ready 24/7

Keep your lab running during off hours and break free from the 9-5 work routine



### Accessibility

Affordable, easy to operate, deployed quickly and controlled from any device

# Specifications

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## Autonomous mobile robot

Designed to manoeuvre in the lab environment and work alongside scientific staff

- 6-axis arm with 850mm reach for a full range of motion, makes the whole lab accessible
- Vision sensors and adaptable grippers accurately handle complex and delicate labware
- Autonomous collaborative MiR mobile robot base runs on all floor types at speeds up to 1.5m/s
- No special adaptations needed, compact and light: 890mm by 580mm, total weight <110kg
- Get more done with 8 hours running time with 80% recharge within 2 hours

## UniteFlow software

Data flow and process automation software that connects each instrument and robot in the laboratory for both control and data collection

- Manage, control and capture data from any instrument with a standard interface (SiLA 2)
- Draw intuitive, shareable workflows without programming
- Operate robotic arms and mobile lab robots
- Monitor instruments and workflows remotely

## Options to get started

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### Explore all your application areas and plan your autonomous operations

#### Purchase

The robot and permanent software license are yours forever. Tailor the solution to specific use cases with a range of additional services

- + Solve a bottleneck in the lab in your way
- + Repurpose to future challenges

### Discover the most attractive applications and gather feedback

#### On-site demo

One-month rental demonstration on-site including use case definition, installation and support

- + Try without a commitment
- + Affordable and easy way to build experience with mobile robots, SiLA 2 and flexible automation software

## Contact

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For price inquiry and to discuss which option suits you best, contact us :



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In collaboration with

