

ROBOTIC LAB ASSISTANT

The Rapidly Reconfigurable Automation Platform

Meet new challenges without changes to your current laboratory infrastructure



Core Benefits



Flexibility

Build and reconfigure your automation setups 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

RLA Specification

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



Process automation software which connects each instrument in the lab 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
- Monitor instruments and workflows remotely

RLA Options

Mix and match attachments to build your perfect Robotic Lab Assistant.

Select from a range of Grippers

Customise your grippers to suit your labware. Add in a Gripper Change Station to move between grippers without intervention.

Non mobile and benchtop options available

We supply the same collaborative, vision and workflow technologies in a variety of sizes and formats.

