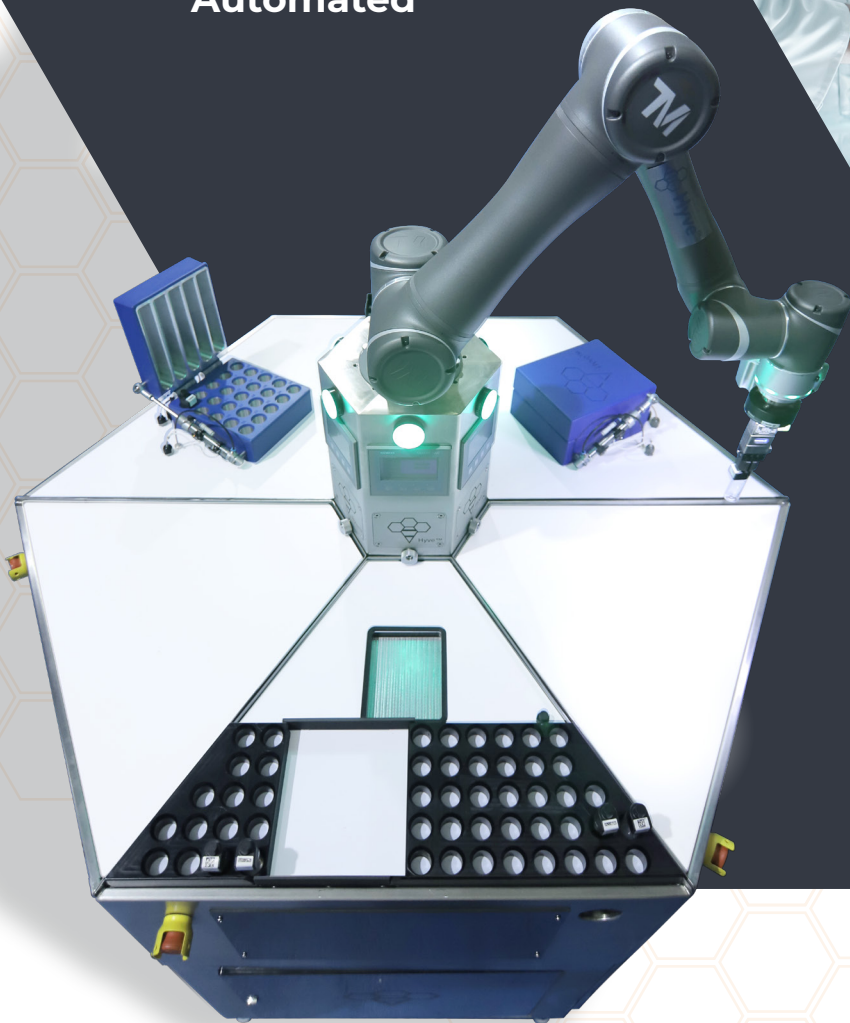# Hyve™

Your Experiment
Your Process
**Automated**

## Instrument USP

Dedicated Software

Remote Operation

Moveable Segment

Modular System

Effortless Teaching

Compact Footprint

6
6-axis Robotic Arm

Collaborative Robot

## Laboratory Automation

Turnkey lab automation enters the digital age and IoT. The **Hyve™** autonomous, collaborative robot is designed to work inside traditional laboratories and quite literally alongside lab personnel without the need for clumsy programming tools and large, safety-cage constructions. The collaborative robot (co-bot) at the heart of the **Hyve™** complies with all the safety regulations for the collaboration of humans and robots.
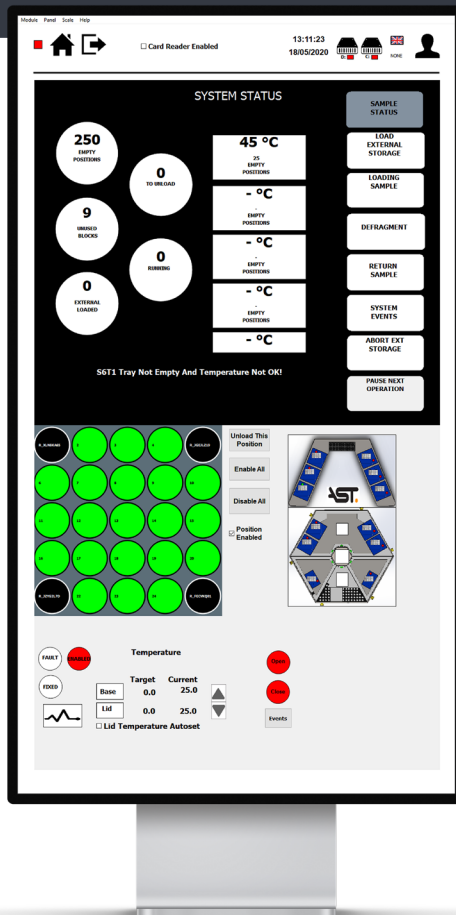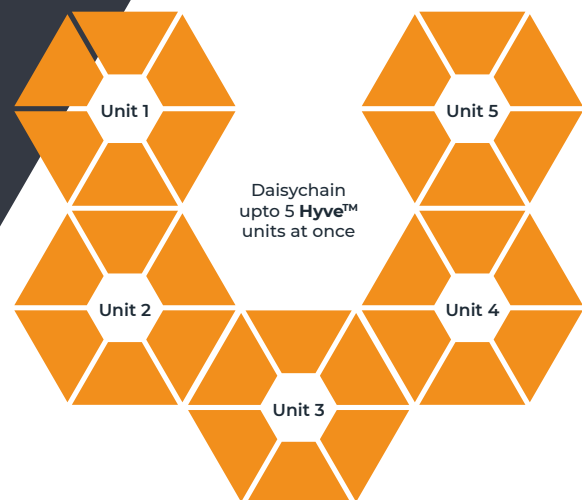
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## Compact Footprint

The compact footprint of the **Hyve™** allows even extensive laboratory processes to be integrated and automated. The co-bot mounted in the centre allows more of the bench area and the 3-Dimentional space above to be accessed maximising functionality & bench area ($m^3$). Additional free-space under and within each **Hyve™** segment, allows large lab equipment such as centrifuges, heater/coolers etc. to be installed underneath, freeing-up valuable bench space for experiments.

## Unparalleled Modularity

The **Hyve™** offers a paradigm shift in lab integration due to its unique design. The **Hyve™** is a completely modular platform, configurable in minutes with interchangeable segments that pull in or out of the central console. Each segment can be configured for a dedicated task with specific lab equipment and a number of segments are linked into an integrated workflow. Additional **Hyve™** units can be joined together to allow processes to be scaled-up.

Unit 1

Unit 5

Daisychain upto 5 **Hyve™** units at once

Unit 2

Unit 4

Unit 3

## Easy Teaching & Cloud Connectivity

In combination with Desktop software, the co-bot learns like a real co-worker: you guide it through a task, it repeats the task perfectly down to +/-0.05mm – no hard programming. With camera sensors, your robotic co-worker recognises objects, movement and Bar & QR codes allowing it to see its way around the bench-area effortlessly. Connectivity is seamless and Cloud-based options allow remote control, diagnostics and 24/7 system monitoring.

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