

## Sally

Your robotic solution for cell and gene therapy manufacturing and laboratory applications



Sally is a modular and innovative concept for the production of cell and gene therapies as well as for general laboratory applications. At its core is a graphical, user-friendly Human Machine Interface (HMI) that, in conjunction with a 6-axis robot from Stäubli, offers the highest flexibility and performance. Sally allows the placement of various processes and laboratory equipment around the robot. The robot features a multifunctional gripper capable of effortlessly manipulating tubes, bottles, flasks, and vials of various sizes. Additionally, a pipetting system capable of handling pipettes with 1 ml and 50 ml is integrated into the gripper.



**automated material  
handling**



**modular integration  
possibilities**



**Laminar flow  
or isolator**

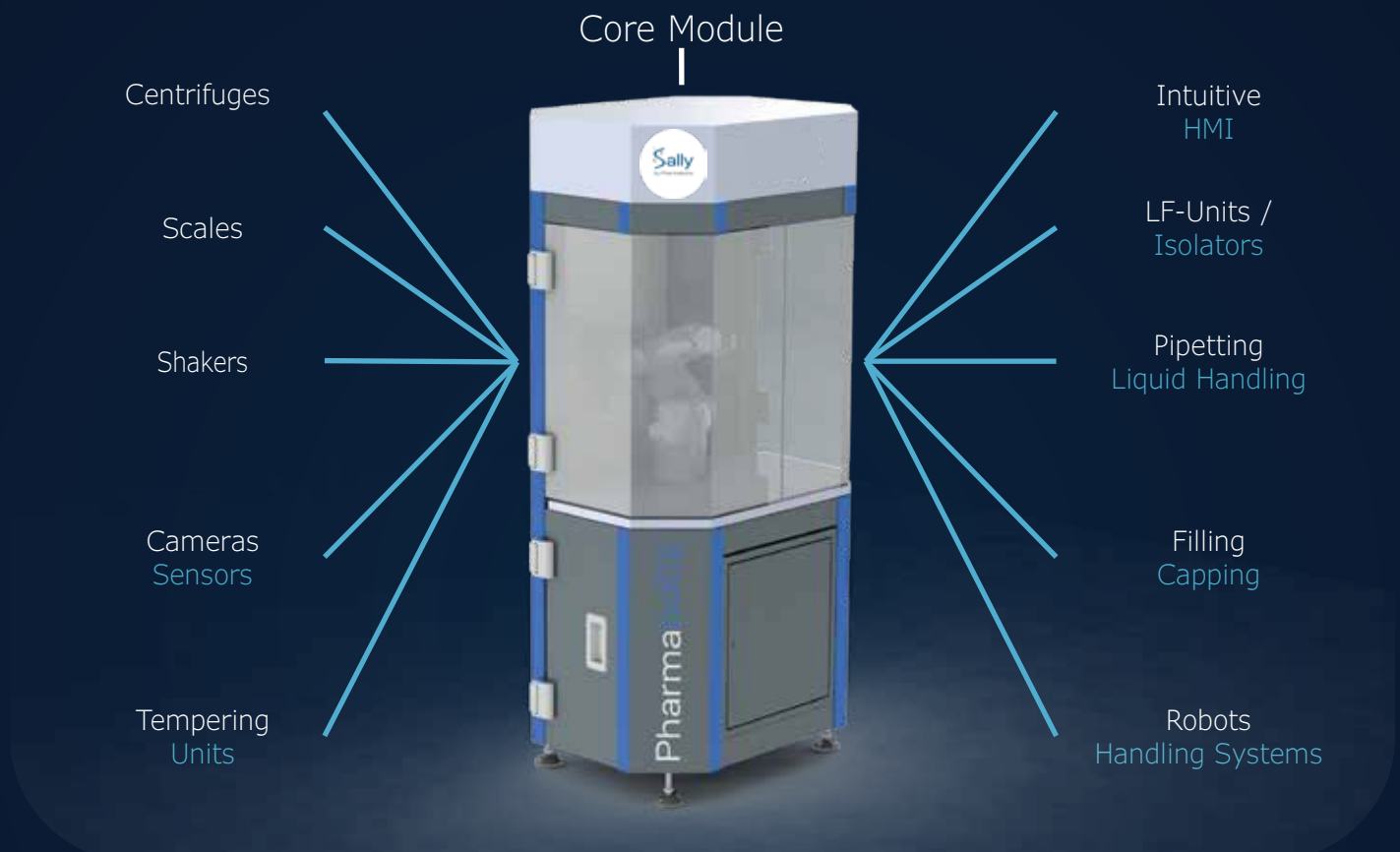


**intuitive HMI for  
easy operation**



**Compatible with various  
primary packaging materials**

## Modules



Through Pharmabotix's intuitive user interface, the system can be easily expanded. In addition to the robot and its multifunctional gripper with pipetting function, various laboratory equipment such as incubators, shakers, cameras, inline measurement systems, centrifuges, carts, and much more can be integrated. The Stäubli robot also plays a central role here and can approach all stations within its work area according to customer processes

## Automation

A modular and flexible system is only as good as its user interface. Pharmabotix relies on the new Siemens Unified platform for automation topics, enabling easy and intuitive operation. The robot is also fully integrated into the HMI, allowing for easy customization and teach-in of robot programs.

- Job management
- Recipe management
- Batch reports & long-term archiving
- Analysis of alarm and process data
- User-Management with AD
- Audit trails and batch records