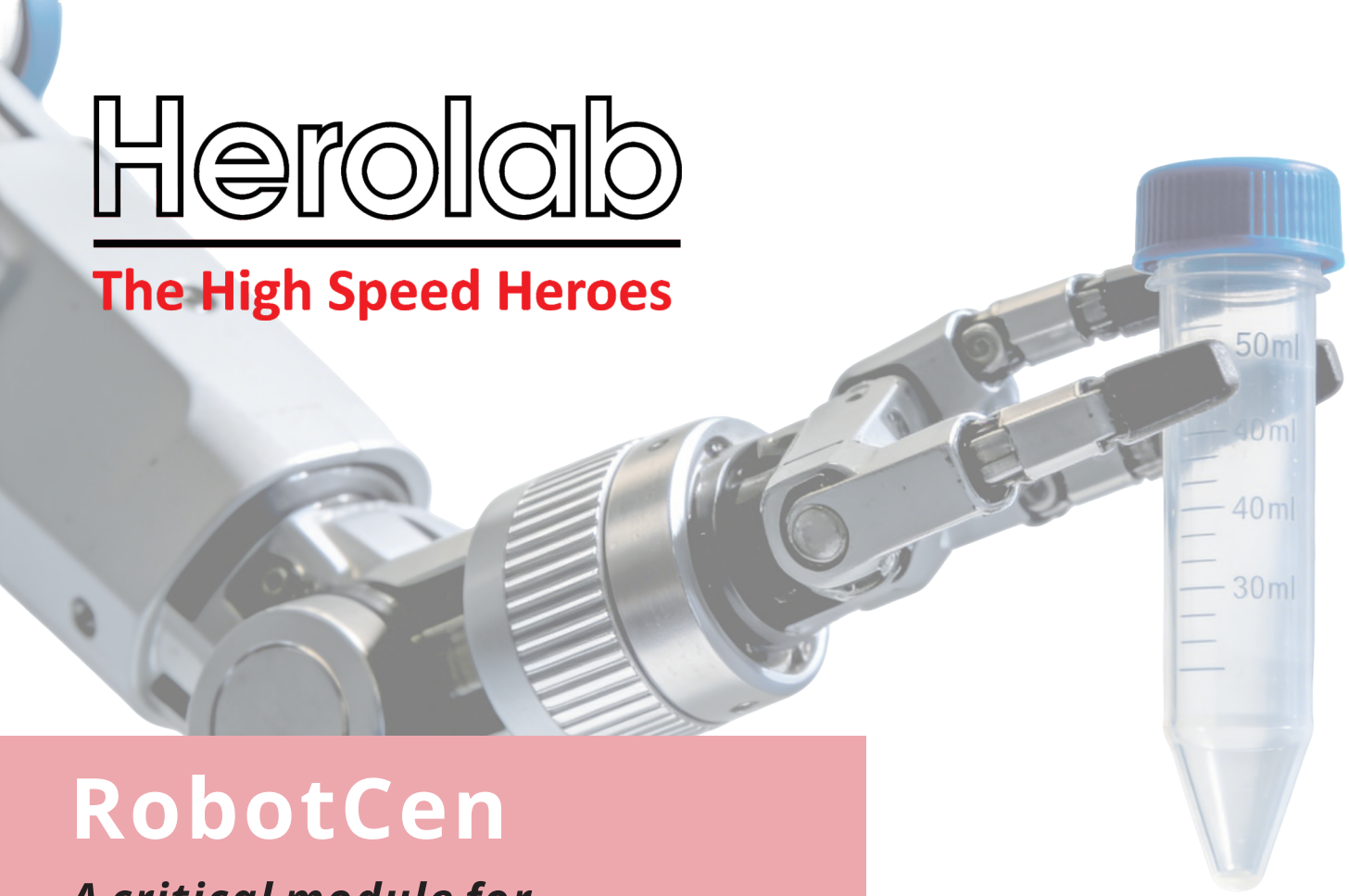
Herolab

The High Speed Heroes



RobotCen

A critical module for automated sample processing

Integration example: external robot arm.

HEROLAB supplies the centrifuge; robot arms are not supplied by HEROLAB.

Manufacturer of Life Science Instruments since 1979

RobotCen

Automation-ready centrifugation for connected labs

Designed for labs that want to move forward

Whether you are building a new automation concept or upgrading an existing workflow, RobotCen offers a practical path toward smarter laboratory processes. It is a solution for laboratories that want more than stand-alone equipment—they want connected performance.

RobotCen brings a critical module to the laboratory automation process.

Why choose RobotCen?

Built for automation - RobotCen is designed for robotic interaction, enabling automatic loading and unloading in advanced laboratory setups.

Precise positioning - Defined rotor positioning allows repeatable robotic access and reliable sample transfer.

Powerful performance - With speeds of up to 20,500 min^{-1} and forces up to 50,740 x g, RobotCen is ready for demanding centrifugation tasks.

Flexible rotor options - Compatible with both swing-out and fixed-angle rotors, RobotCen adapts to a wide range of applications.

Process efficiency - By reducing manual intervention, RobotCen helps streamline workflows, improve reproducibility, and support higher sample throughput.

Easy integration - Serial communication enables coordinated interaction between the centrifuge and external automation systems.

RobotCen

Designed for next-generation laboratories automation with centrifuge modular

Automation that works where it matters

The RobotCen Series is designed for laboratories where reliability, repeatability, and throughput are essential. It supports automated environments in which samples move through multiple process steps with minimal manual handling and maximum control.

RobotCen is particularly well suited for:

- High-throughput laboratory workflows
- Pharmaceutical and biotech sample preparation
- Automated cell separation processes
- Liquid handling and robotic process chains
- Integrated laboratory and production automation systems

From research laboratories to industrial applications, RobotCen supports a more connected and efficient way of working.

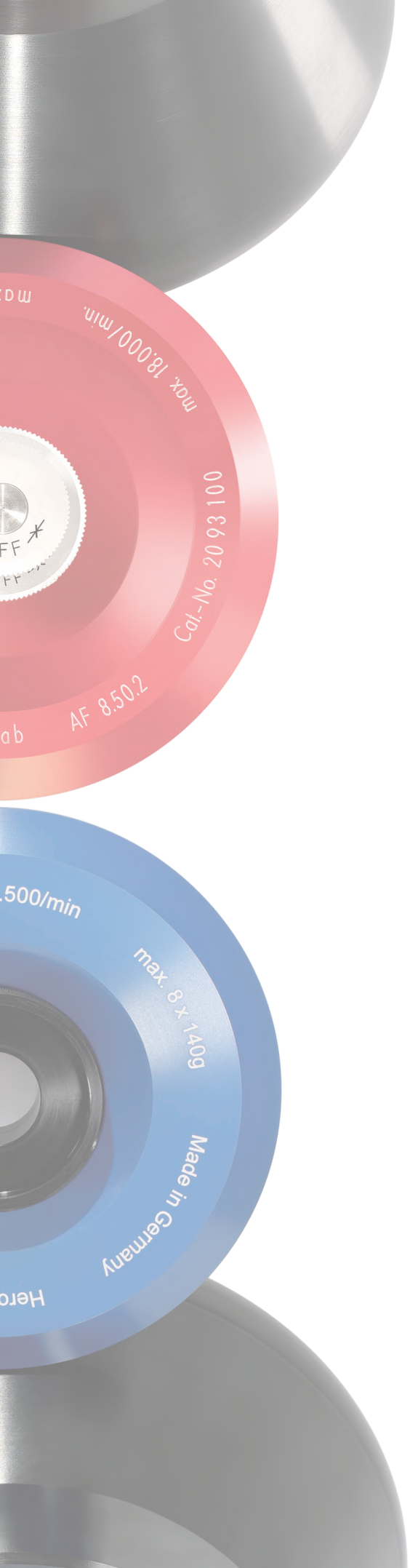
Your benefits

- Higher throughput through continuous processing
- Elimination of manual transfer between workflow steps
- Improved reproducibility and process consistency
- Reliable integration into robotic systems
- Scalable for fully automated laboratory environments

Ready for the next generation of laboratories

Laboratories today are under pressure to deliver faster results, higher reproducibility, and better process efficiency. RobotCen helps meet these demands with an automation-focused centrifuge concept that fits naturally into forward-looking lab environments.

It is not simply a centrifuge with added automation. It is a centrifugation modular designed from the outset for robotic workflows and intelligent laboratory automation.



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