



THE WORLD'S FIRST LABORATORY ORGANISATION SYSTEM REFORMS LABORATORY WORKSTATIONS AND WORKING PROCESSES IN LABORATORIES

The SmartRack® improves the organisation of the laboratory workstation and enables

- **increased availability** of the limited workspace
- **increased process quality** with **increased efficiency** and
- **improved productivity** at **lower costs**

to be achieved and secured in the long term.

The SmartRack® laboratory organisation system - **universally applicable for sitting and standing activities** in the laboratory.



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Whether it's an initial equipment or a retrofitting of an existing laboratory, the SmartRack® offers the potential to optimise traditional laboratory work in terms of efficiency by up to 10% and, at the same time, to save 80% space in the laboratory fume hood. Direct as well as indirect potentials go hand in hand, because creating more order and cleanliness at the laboratory workstation leads to a reduction of ergonomic strains and increases efficiency. This means that

- Laboratory equipment and laboratory glassware as well as
- samples and consumables in the laboratory

can be stored much more easily and used more safely. Walking distances and set-up times are eliminated, time and space are saved at the laboratory workstation and used more optimally.

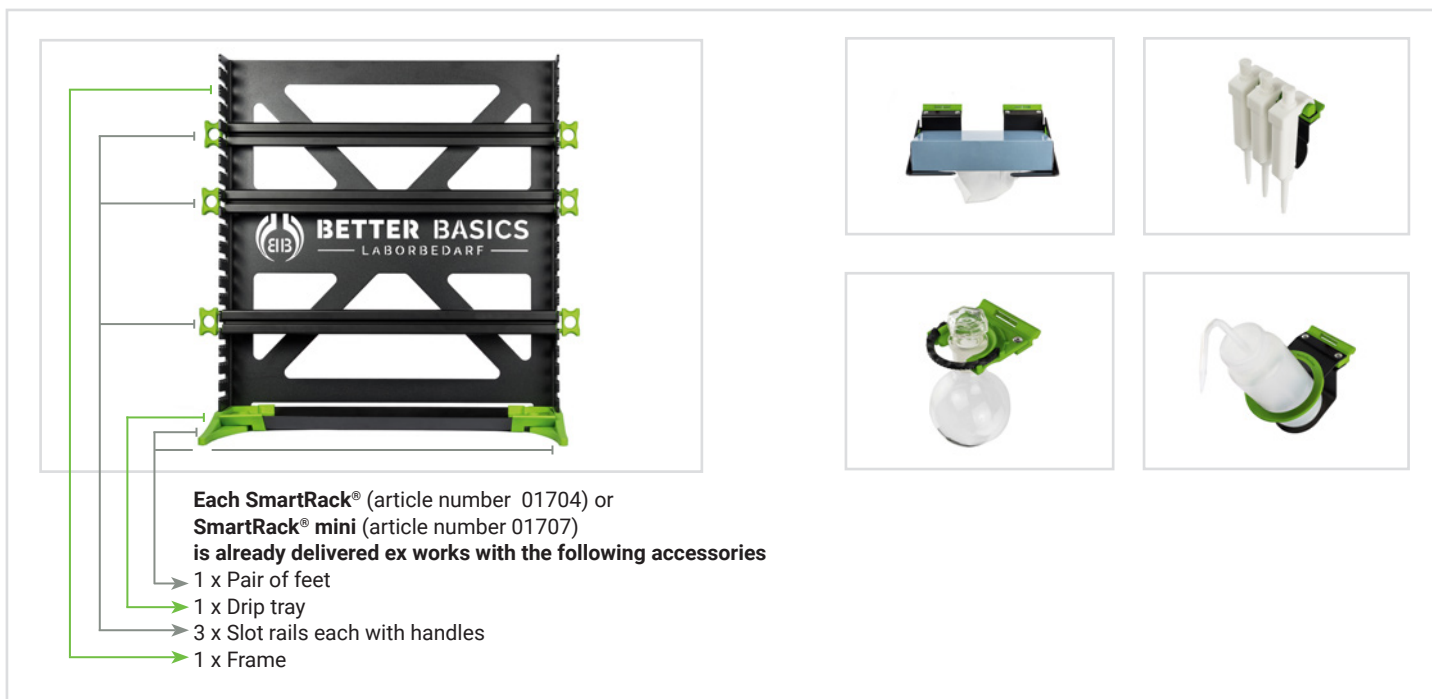
How does the SmartRack® work as a laboratory organisation system?

- **The stable body of the SmartRack® is set up at the workstation in the laboratory fume hood**, in the laboratory safety cabinet or on the workbench. No further preparatory work or preparations are necessary for this. Several cross connectors, also called slot rails, are mounted in the SmartRack® frame, into which the module holders can be flexibly inserted.
- **The SmartRack® module holders are hooked into the slot rails using a click mechanism.** In this way, the module holders are securely and reliably fixed and immediately allow you to store laboratory glassware, samples or laboratory work equipment as well as digital work equipment such as barcode scanners and tablets in them.
- **The slot rails can be hooked into the SmartRack® frame at various heights and depths**, which creates maximum flexibility when equipping the SmartRack®.

- **Due to the optimised connection of the slot rail and the module holder**, the module holders can be simply and immediately released by tilting and can subsequently be moved horizontally in an efficient way. This allows modules to be easily and quickly positioned exactly where users need them.

The SmartRack® supports you:

- **As safe as possible, as flexible as necessary:** laboratory users can adjust both the height and the depth of the slot rails. The module holders suspended in the slot rails can be moved horizontally within the slot rail.
- **User-friendly & ergonomic:** The one-handed equipping and removal of the laboratory equipment and samples from the SmartRack®, within the user's gripping range, greatly simplifies and speeds up access.
- **Lean Management and quality management systems** such as 5S can be implemented and applied concretely in the laboratory environment with the SmartRack®: The SmartRack® guarantees more order and cleanliness at the workstation and changes behaviour at the laboratory workstation.
- **Time-saving:** Materials and laboratory equipment are provided exactly where they are processed and needed. So the SmartRack® reduces walking distances and time needed to search throughout the user's laboratory.
- **Space-saving:** By using the room height in the laboratory fume hood, the SmartRack® creates new storage areas. So the SmartRack® multiplies the available working space in the gripping area, reaching area and stretching area.



The SmartRack® lab organisation system: The pic on the left shows the structure of the SmartRack®; the pic on the right show a selection of modules

MAKE YOUR LABORATORY FIT FOR THE FUTURE WITH THE SMARTRACK®!

The SmartRack® stands for the highest requirements in terms of productivity and efficiency as well as safety and availability. The SmartRack® can be integrated easily and completely to optimise workflows in laboratories thanks to a flexible and modular workstation design. The SmartRack® is easily expandable through versatile modules, such as barcode scanners and other accessories. All the modules have an integrated click mechanism, which gives the users haptic feedback when hanging the module holders inside the slot rail.

Since all the module holders can be positioned freely within a slot rail, you have complete freedom in how to arrange them – according to the needs of your work. Once locked in place, the SmartRack® modules remain securely in place in the SmartRack® frame even when the groove rail is moved to another level of use. This is how you protect yourself and your work from sample loss or accidents at work.



The click mechanism secures module holders and provides the user with haptic feedback by snapping into the slot rail.

Better Basics Laborbedarf - Let us help you organise your lab workstation



Photo: Building of the Better Basics Laborbedarf GmbH in Dresden



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Dr. Marcus Heinze

Marcus Heinze was born in Zittau and is now a shareholder and head of development at Better Basics Laborbedarf GmbH. He completed his studies in polymer chemistry at the TU Dresden with a doctorate in the field of mineralisable hydrogels.

Today, he is responsible for development at Better Basics Laborbedarf. There, the possibilities of various 3D printing processes are combined with those of classic metal processing for optimal component design.

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YOU ARE INTERESTED IN OUR PRODUCTS OR YOU HAVE FURTHER QUESTIONS?

Get in touch with us:
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You can also find more information and news about our product innovations at
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Our request to you

A product like our SmartRack® is only as good as its users. With our roots in the Leibniz Institute for Polymer Research Dresden, our company Better Basics Laborbedarf stands for the tradition of "Made in Germany" quality. We feel in multiple aspects committed to this quality label for German companies, which stands for high innovative strength. Even beyond our product catalog, the same applies for us at Better Basics: Just contact us if you have ideas for extensions or improvements or if you notice something in your daily laboratory routine that we should optimize right away.

We want to create the best possible working environment for you in the laboratory and we are grateful for any comments and inspiration. We can jointly shape the future of laboratory work by cooperating with scientists and researchers. Just like you, we're always looking for a way to make our world a little better every day.

Impress:

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