



BETTER BASICS
LABORBEDARF



1ST QUARTER 2026

Berner



Product catalogue

SmartIntegrate

Integrative Organisational Solutions for Laboratory Workstations



www.Better-Basics-Laborbedarf.de

Unlock Your Lab Potential

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Your Advantage in Everyday Laboratory Work

Better Basics Laborbedarf – Your Advantage in Everyday Laboratory Work

Better Basics Laborbedarf optimises laboratories and their workspaces with innovative, award-winning organisational systems. We support our customers in creating the best possible working environment for their laboratory staff, helping to unlock the full potential of their laboratories. This approach ensures consistently high quality, efficiency, and process stability in the lab while providing a safe, ergonomic workplace with satisfied employees.

Enhancing Employee Satisfaction

Our SmartRack® and SmartIntegrate product families offer a comprehensive system to optimise laboratory workflows. With over 100 modular solutions, they not only ensure order but also noticeably improve working conditions. Enhanced ergonomics, reduced movement paths, and clearly structured workstations increase both efficiency and employee satisfaction. Safe and organised environments reduce stress and promote job satisfaction. Furthermore, they demonstrably contribute to improved workplace safety and occupational health through thoughtful placement and ease of use.

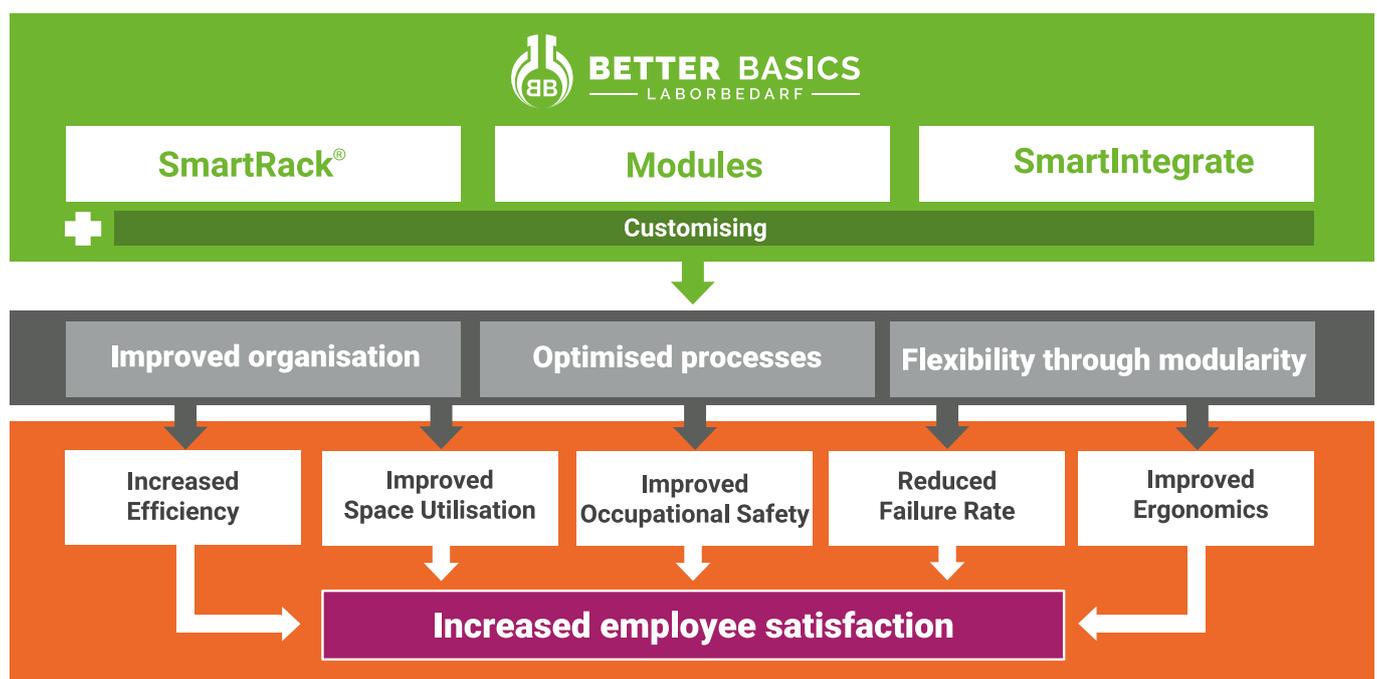
A System for Sustainable Process Improvement

Our product families are designed to standardise workflows and save time. The modular concept of SmartRack® and SmartIntegrate allows for flexible adaptations to any laboratory environment – from safety workbenches to large open-plan labs. These systems not only optimise space utilisation but also increase efficiency by an average of 30% and save up to 80% space. With a wide range of modules and accessories, they offer customised solutions for every need.

Efficient, Safe, and Satisfying

For decision-makers and managers, SmartRack® and SmartIntegrate ensure process stability and economical resource use. At the same time, these systems provide innovation managers and organisational developers with the ideal basis for forward-looking workplace designs. For laboratory staff, this means fewer errors thanks to well-structured work areas, a more relaxed working environment, and often the ability to finish earlier due to significantly improved workflows.

Discover how Better Basics Laborbedarf can transform your everyday laboratory work – for more efficient processes, satisfied employees, and excellent results.



The product overview of Better Basics

▶ SmartRack®, the mobile solution for: laboratory workbench, fume hood and safety cabinet



+ Customised solutions

▶ SmartIntegrate, the integrative solutions for

I. Laboratory workbench



II. Fume hood



III. Safety cabinet



IV. Integration into laboratory equipment



+ Customised solutions

▶ Modules

- Currently, more than 100 modules
- All modules in the Better Basics catalogue can be used universally in all SmartRack® and SmartIntegrate solutions
- Customised modules can be developed based on the specific customer needs, all customised modules can be used in all SmartRack® and SmartIntegrate solutions



+ Customised solutions

SmartIntegrate - For Optimal Integration

The SmartIntegrate product line offers organisational solutions that integrate seamlessly into your existing lab infrastructure. The SmartFrame, for example, can be easily integrated into any fume hood, while the SmartRail provides additional storage space on media cells and laboratory benches. The SmartEdge optimises organisation in biosafety cabinets or fume hoods.

All SmartIntegrate organisational systems benefit from the compatibility of all Better Basics modules with these SmartIntegrate organisational solutions, ensuring intuitive and safe usage.

▶ **SmartIntegrate**, the integrative solutions for

I. Laboratory workbench



II. Fume hood



III. Safety cabinet



IV. Integration into laboratory equipment



✚ Customised solutions

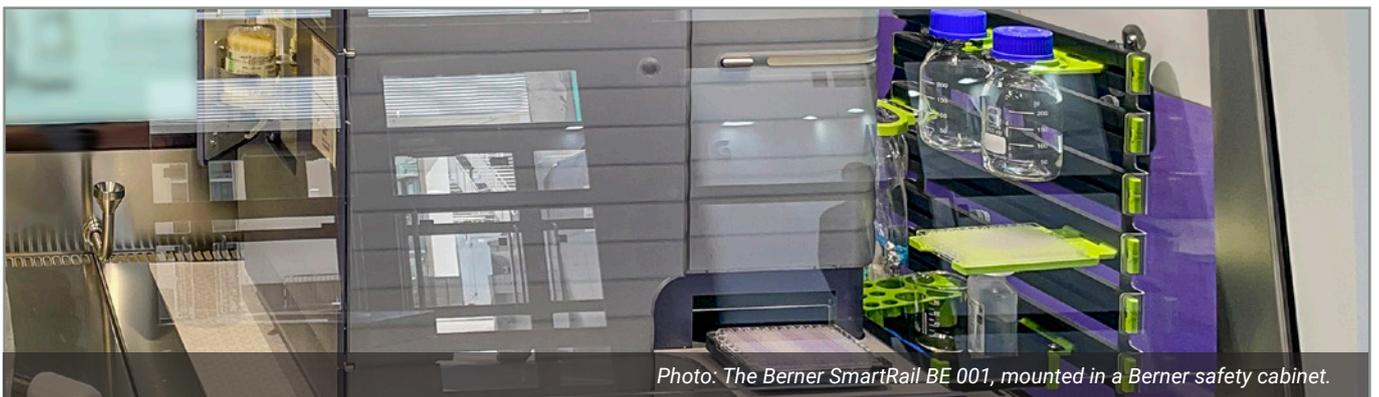


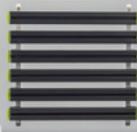
Photo: The Berner SmartRail BE 001, mounted in a Berner safety cabinet.

SmartIntegrate | The Configuration

1. Selection of workplace:
Safety cabinet



2. Selection of the SmartIntegrate Version:
SmartRail, SmartEdge



3. Selection of the modules:
Holders and storage box and storage box inserts (e.g. refer to catalogue „Modules“)



Photo: SmartEdge BE 001 in a Berner safety cabinet.



SmartRail BE 001



SmartRail BE 001 in a Berner safety cabinet, Demonstrators and modules are not included in the scope of delivery.

The SmartRail BE 001 has been developed for use in the laboratory safety cabinet. It consists of two stainless steel slot rail carriers that are attached to the side panels of the laboratory safety cabinet using screws. The six anodised aluminium slot rails are firmly connected to the two slot rail carriers. In the case of an upgrade, the necessary replacement of the side panel of the safety cabinet will be carried out by the manufacturer. In the case of a new order, the modified side panel will be installed at the factory. In the slot rails, each with a width of 380 mm, all modules can be freely placed.

The SmartRail BE 001 includes the following components:

- 2 x stainless steel slot rail carriers
- 6 x permanently installed slot rails
- 8 x glass feedthrough sleeve segments
- 4 x sets of mounting materials (consisting of screws, washers, and nuts) for installation



SmartRail BE 001, without equipment, mounted on a demonstrator, Demonstrator is not included in the scope of delivery.



SmartRail BE 001, without equipment, mounted on a demonstrator, view from behind, Demonstrator is not included in the scope of delivery.

Item	Type	PU	Item no.	Price in EUR
SmartRail BE 001		1	03001	239,00



SmartEdge elite BE 001



SmartEdge elite BE 001, mounted in a Berner safety cabinet, Demonstrators and modules are not included in the scope of delivery.

The SmartEdge elite BE 001 is designed for use in laboratory safety cabinets. It consists of two stainless steel L-profiles. The anodised aluminium slot rails are hooked into these L-profiles. In the case of an upgrade, the necessary replacement of the side panel of the safety cabinet will be carried out by the manufacturer. In the case of a new order, the modified side panel will be installed at the factory. To make it easier to align the slot rails horizontally, every third slot rail bracket on either side of the SmartEdge elite has a recess at the front. All modules are fully compatible with SmartEdge.

The SmartEdge elite BE 001 is made up of the following components:

- 2 x stainless steel L-profiles
- 3 x mini slot rails, each with two side handles
- 8 x glass feed-through sleeve segments
- 4 x sets of mounting materials (consisting of screws, washers, and nuts) for installation



SmartEdge elite BE 001, without equipment, mounted on a demonstrator, Demonstrator is not included in the scope of delivery.



SmartEdge elite BE 001, view from behind with demonstrators and modules, Demonstrators and modules are not included in the scope of delivery.

Item	Type	PU	Item no.	Price in EUR
SmartEdge BE 001	elite	1	04001	299,00
Slot rail for SmartEdge elite BE 001		1	04341	54,99

Customising

Better Basics Laborbedarf offers an unparalleled approach to laboratory workstation organisation with its customisable and modular solutions. Below is an overview of how our customisation services span both the SmartRack® and SmartIntegrate product lines:

1. Customisation of the SmartRack®

For the SmartRack®

Our SmartRack® system is fully customisable to meet the specific requirements of your workspace. The dimensions of the SmartRack® can be individually adapted to the size of your equipment and workflows, ensuring seamless integration into your laboratory workstation. At the same time, the modular compatibility and reliability of your tailor-made SmartRack® are guaranteed through appropriately dimensioned slot rails. From compact configurations to larger frames, we enhance the organisation and efficiency of your laboratory.

2. Customisation of SmartIntegrate Products

a) Bespoke SmartFrame for Fume Hoods

The SmartFrame optimises the organisation within fume hoods, offering a structured and safe arrangement for laboratory glassware, tools, and equipment. Custom-built SmartFrames provide a perfect fit for your specific workspace.

b) Tailored SmartRail for Lab Benches

SmartRails bring adaptability and precision to your laboratory benches. Designed for both high-throughput workflows and compact setups, they ensure reduced clutter and enhanced efficiency. Each SmartRail is tailored to your preferred length and mounting specifications.

c) Custom Solutions for Safety Cabinets

For safety cabinets, our custom solutions include integrated SmartRails, SmartFrames and SmartEdges designed to maximise space utilisation while supporting your workflows. Each component is built to ensure easy cleaning and adherence to safety regulations.

3. Custom Modules

Tailored for any Laboratory Equipment

Using advanced 3D printing technology, we create modules and holders in any shape or size to fit your laboratory equipment. From pipette holders to mounts for specialised glassware, our bespoke designs cater to your unique requirements. Our rapid prototyping process ensures swift delivery of tailored solutions.

Why Choose Better Basics for Customisation?

1. **Precision Craftsmanship:** Each component is tailored to your exact specifications, guaranteeing optimal performance and seamless integration.
2. **Fast Delivery:** Our in-house design and manufacturing teams ensure swift turnaround from concept to delivery.
3. **Transparent Pricing:** Costs for customisation are agreed upon in advance, providing clarity and control.
4. **Scalability:** Whether expanding an existing laboratory or building a new one, our products adapt to meet your growing needs.

Transform Your Laboratory Workspace

With Better Basics Laborbedarf, your laboratory can benefit from customised SmartRack® or SmartIntegrate products.

Visit customising.better-basics-laborbedarf.de or contact our team today to unlock the full potential of your laboratory space.

This concise yet comprehensive approach ensures your laboratory benefits from enhanced efficiency, organisation, and safety—all tailored to your specific needs.

Examples for realised customisations

Special frame sizes

SmartRack® frame - customisable in width as well as height



SmartRack® frame - extra wide

For a special requirement we manufactured an extra wide frame of the SmartRack®. Due to the width, this SmartRack® makes optimal use of the working space in our customer's laboratory.

Special module sizes

Holder for multiple glassware



Double holder for glassware with ST10

For a project, a customer needed a double holder for glassware ST10. The module allows glassware with standard ground joint ST10 to be easily hung next to each other. The specially shaped recess prevents the glassware from falling out.

Of course, adaptations of this kind are also conceivable for other modules, e.g. storage boxes in individual sizes.

Special laboratory equipment

Dispenser for cylindrical Petri dish multi-packs



For a globally operating biotechnology company, a dispenser for cylindrical Petri dish multi-packs was developed.

The dispenser not only enables easy removal of the packs but also provides a quick overview of the remaining stock.

Item overview

Berner SmartRail (safety cabinet)

Item	Type	Item no.	PU	Price in EUR	Page
SmartRail BE 001		03001	1	239,00	7

Berner SmartEdge (safety cabinet)

Item	Type	Item no.	PU	Price in EUR	Page
Slot rail for SmartEdge elite BE 001		04341	1	54,99	8
SmartEdge BE 001	elite	04001	1	299,00	8

Technical Information

Technical information:

- All products are washable with water and mild detergent.
- In addition all components can be wiped with alcohol-based disinfectants.
- The plastics and metals used are 100% recyclable.
- Our products are autoclavable up to 134 °C and 3 bar.
- The plastic elements are resistant to heat deformation under normal laboratory conditions.
- To gently clean the anodised aluminium rail, we recommend using a pH-neutral hand-washing detergent. Ensure that the hand wash detergent is odourless and contains no perfumes, greases or additives. Clean the slot rail by hand and rinse thoroughly with clean water.

Note on joint tolerances for ST14:

- Maximum outside diameter at the narrowest point of the cone joint: 17.2 mm (larger diameters are too wide for the holder and cannot be held)
- Minimum outer diameter at the widest point of the cone joint: 18.0 mm (smaller diameters are too narrow for the holder and would fall out)

Note on joint tolerances for ST29:

- Maximum outside diameter at the narrowest point of the cone joint: 31.4 mm (larger diameters are too wide for the holder and cannot be held)
- Minimum outer diameter at the widest point of the cone joint: 32.8 mm (smaller diameters are too narrow for the holder and would fall out)

IMPORTANT TO NOTE: The products of the SmartIntegrate line, the SmartRack® and SmartRack® mini as well as the SmartCase and SmartStand are not suitable for the permanent storage of hazardous substances.

We reserve the right to make technical changes, material or model changes, errors and misprints excepted. If you have any further questions, please do not hesitate to contact us at contact@better-basics.de.

For more detailed information, please visit our website:

Functionality of SLS 3D printing:	www.sls-3d-printing.better-basics-laborbedarf.de
Resistance to UV light:	www.uv-resistance.better-basics-laborbedarf.de
Resistance to aggressive media:	www.material-resistance.better-basics-laborbedarf.de
Sustainability and design-efficient manufacturing:	www.sustainability.better-basics-laborbedarf.de



Photo: Building of the Better Basics Laborbedarf GmbH in Dresden

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

Get in touch with us:

contact@better-basics.de

You can also find more information and news about our product innovations at

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Our request to you

Our products such as our SmartRack® and our SmartIntegrate products are only as good as their 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 catalogue, 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 optimise 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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