



# Product catalogue

## SmartIntegrate

Integrative Organisational Solutions for Laboratory Workstations



# Table of Contents

Your Advantage in Everyday Laboratory Work.....	3
SmartIntegrate   Integrative Organisational Solutions.....	6
The Configuration.....	6
Koettermann SmartRail (work bench).....	7
Universal Solutions (work bench/fume hood).....	8
Customising.....	12
Item Overview.....	14
Technical Information.....	15

# 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.

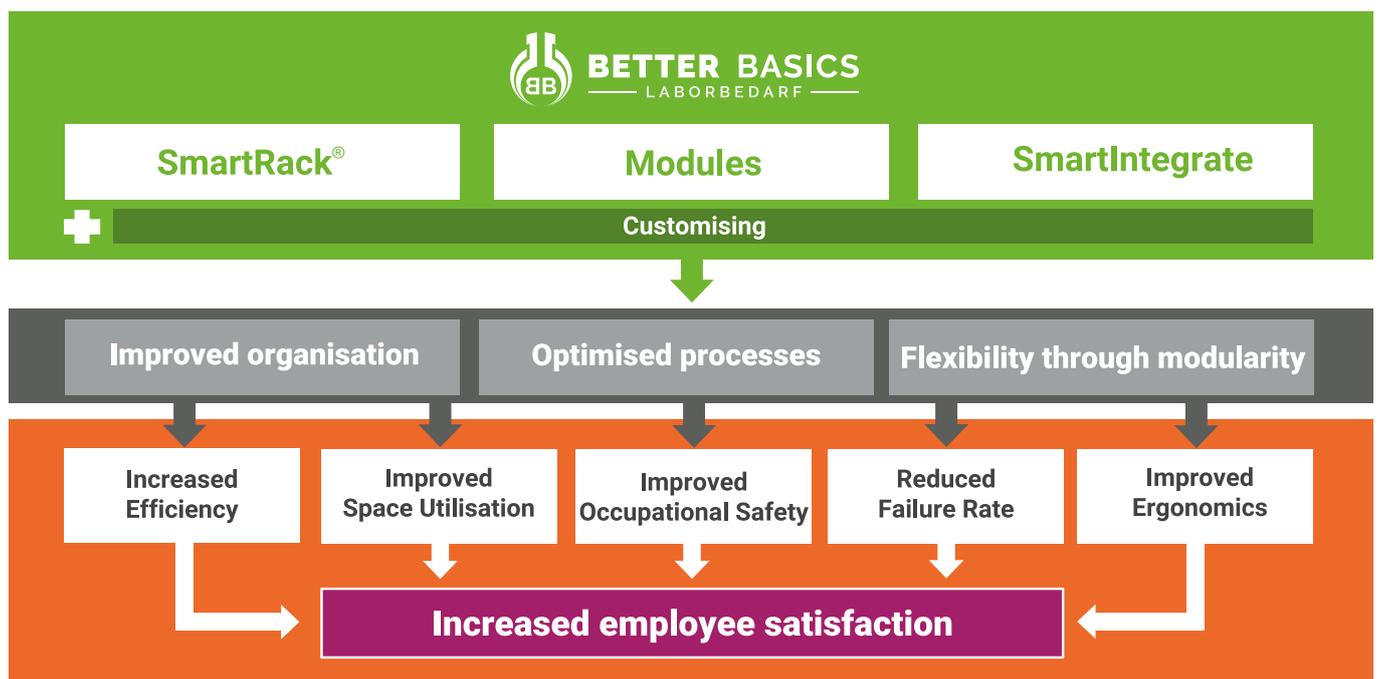
### A System for Sustainable Process Improvement

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

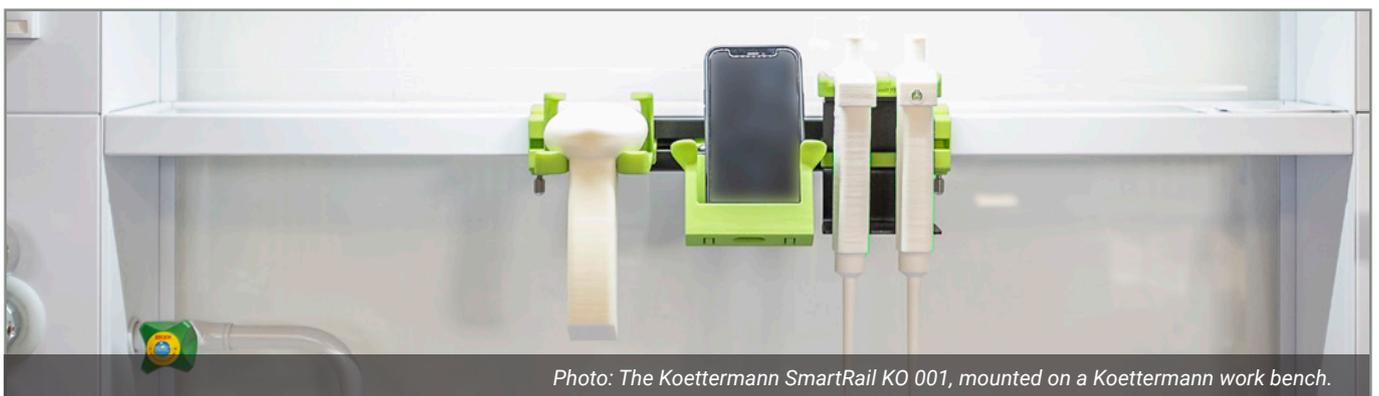


Photo: The Koettermann SmartRail KO 001, mounted on a Koettermann work bench.

# SmartIntegrate | The Configuration

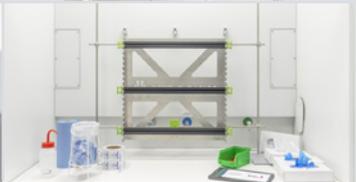
<p><b>1. Selection of workplace:</b> Media cell/workbench, Fume hood</p>			
<p><b>2. Selection of the SmartIntegrate Version:</b> SmartRail, SmartFrame</p>			
<p><b>3. Selection of the modules:</b> Holders and storage box and storage box inserts (e.g. refer to catalogue „Modules“)</p>			
			



Photo: The Koettermann SmartRail 300 KO 001 on a Koettermann work bench.



## SmartRail KO 001



*SmartRail KO 001 mounted,  
Demonstrators and modules are not included in the scope  
of delivery.*

The SmartRail KO 001 has been specifically developed for use with Koettermann laboratory furniture, particularly for workbenches with Koettermann shelves. The design consists of a black anodised aluminium slot rail and side brackets made of PA12 and stainless steel, equipped with a robust screw clamp to ensure stable mounting on the Koettermann shelves. The versatile SmartRail offers flexible placement options in the laboratory. A larger number of SmartRail provides various module placement options and allows the laboratory environment to be tailored to specific requirements. All modules are fully compatible with SmartRail.



*SmartRail KO 001 mounted,  
Demonstrators and modules are not included in the scope  
of delivery.*



*SmartRail KO 001, close-up.*

Item	Type	PU	Item no.	Price in EUR
SmartRail KO 001	300 mm	1	03018	79,99
SmartRail KO 001	600 mm	1	03019	99,99
SmartRail KO 001	900 mm	1	03020	119,99
SmartRail KO 001	1200 mm	1	03021	139,99
SmartRail KO 001	1500 mm	1	03022	159,99



## SmartRail WM 001



*SmartRail WM 001 mounted,  
Demonstrators and modules are not included in the scope  
of delivery.*

The SmartRail WM 001 is an innovative solution for the effective organization of laboratory workspaces. This specially designed slot rail is made of black anodised aluminium and is intended for secure mounting on walls or vertical surfaces using screws. At the ends (or possibly in the middle of the rail), there are screw mounts made of PA12 and possibly stainless steel, through which two screws are used to ensure stable fixation of the rail.

SmartRail WM 001 is supplied with fixing materials (screws and dowels), which enable it to be mounted on walls made of masonry, concrete, wood and similar materials.

Components of the SmartRail WM 001:

- Anodised aluminium slot rail
- Two or more sets of mounting materials (consisting of PA12 and possibly stainless steel screw mounts, as well as appropriate mounting hardware) for installation

The SmartRail WM 001 is compatible with all modules, allowing for flexible and customizable placement of these within the slot rail. This solution not only frees up valuable space in the laboratory but also significantly enhances organization and efficiency.

Item	Type	PU	Item no.	Price in EUR
SmartRail WM 001	300 mm	1	03048	79,99
SmartRail WM 001	600 mm	1	03049	99,99
SmartRail WM 001	900 mm	1	03050	119,99
SmartRail WM 001	1200 mm	1	03051	139,99
SmartRail WM 001	1500 mm	1	03052	159,99



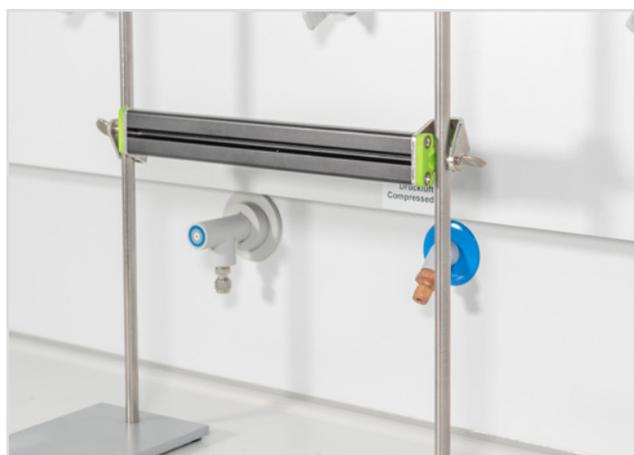
## SmartRail MB 001



SmartRail MB 001 in a fume hood, mounted on a lab stand system,  
Demonstrators, lab stand system and modules are not included in the scope of delivery.

The SmartRail MB 001 has been specifically developed for use with laboratory furniture featuring stand rod systems of 12 mm or 13 mm. The design consists of a black anodised aluminium slot rail and side brackets made of PA12 and stainless steel, equipped with a sturdy screw clamp to ensure stable mounting on the support system. The versatile SmartRail offers flexible placement options in the laboratory. A larger number of SmartRail provides various module placement options and allows the laboratory environment to be tailored to specific requirements. All modules are fully compatible with SmartRail.

The SmartRail MB 001 can be used on lab stand systems both in the fume hood and on the workbench.



SmartRail MB 001 mounted, without equipment, lab stand system is not included in the scope of delivery.



SmartRail MB 001, corner view.

Item	Type	PU	Item no.	Price in EUR
SmartRail MB 001	300 mm	1	03023	79,99
SmartRail MB 001	600 mm	1	03024	99,99
SmartRail MB 001	900 mm	1	03025	119,99
SmartRail MB 001	1200 mm	1	03026	139,99
SmartRail MB 001	1500 mm	1	03027	159,99



## SmartFrame elite MB 001



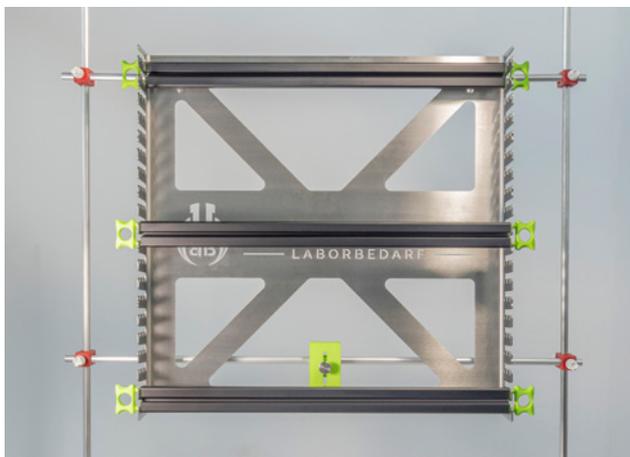
*SmartFrame elite MB 001, front view, Demonstrators, lab stand system and modules are not included in the scope of delivery.*

The SmartFrame elite MB 001 is designed for use in fume hoods. It consists of a polished stainless steel frame. The SmartFrame can be mounted on standard 12mm or 13mm lab stand system using PA12 brackets on the rear. Depending on the application, it can be mounted close to the back of the fume hood, free-standing in the fume hood or on a laboratory bench using a lab stand system. (NOTE: lab stand rods are not supplied) Every third slot rail holder on both sides of the SmartFrame elite has a recess at the front to make it easier to align the slot rails horizontally. All modules are fully compatible with this SmartFrame.

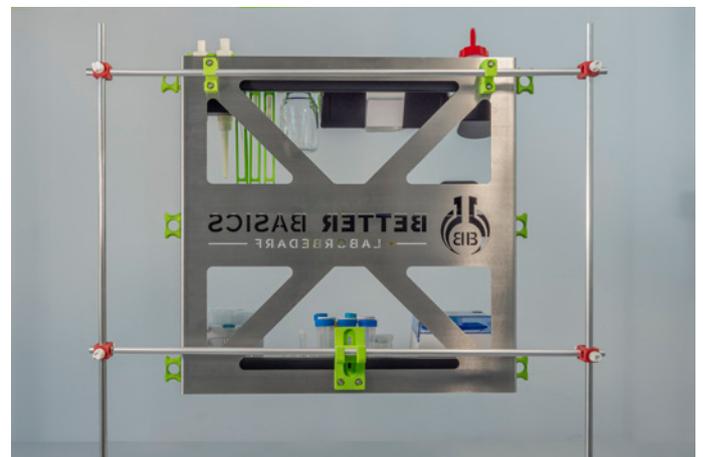
The SmartFrame elite MB 001 consists of the following components:

- 1 x frame
- 3 x slot rails with handles
- 3 x PA12 universal support rod brackets

The SmartFrame elite MB 001 can be used on lab stand systems both in the fume hood and on the workbench.



*SmartFrame elite MB 001 mounted on a lab stand system, Lab stand system is not included in the scope of delivery.*



*SmartFrame elite MB 001, view from behind with demonstrators and modules, Demonstrators, lab stand system and modules are not included in the scope of delivery.*

Item	Type	PU	Item no.	Price in EUR
SmartFrame elite MB 001	635 x 615 x 120 mm (WxHxD)	1	05005	599,00
SmartFrame elite mini MB 001	450 x 380 x 120 mm (WxHxD)	1	05006	469,00
Slot rail for SmartFrame MB 001		1	05312	74,99
Slot rail for SmartFrame mini MB 001		1	05313	54,99



## SmartFrame elite VESA 100



SmartFrame elite VESA 100, front view.

The SmartFrame elite Vesa 100 allows you to mount a SmartFrame elite on a VESA 100 mount. It consists of a polished stainless steel frame. The SmartFrame elite can be attached to the VESA 100 mount using screws. (NOTE: VESA 100 mount not included) Every third slot rail bracket on either side of the SmartFrame elite has a recess at the front to make it easier to align the slot rails horizontally. All modules are fully compatible with SmartFrame.

The SmartFrame elite VESA 100 consists of the following components:

- 1 x frame
- 3 x slot rails with handles

The SmartFrame elite VESA 100 can be used on VESA 100 mounts both in the fume hood and on the workbench.

Item	Type	PU	Item no.	Price in EUR
SmartFrame elite VESA 100	635 x 615 x 120 mm (WxHxD)	1	05001	549,00
Slot rail for SmartFrame VESA 100		1	05311	74,99

# 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](https://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 with standard ground joint 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

### Koettermann SmartRail (work bench)

Item	Type	Item no.	PU	Price in EUR	Page
SmartRail KO 001	300 mm	03018	1	79,99	7
SmartRail KO 001	600 mm	03019	1	99,99	7
SmartRail KO 001	900 mm	03020	1	119,99	7
SmartRail KO 001	1200 mm	03021	1	139,99	7
SmartRail KO 001	1500 mm	03022	1	159,99	7

### Universal Solutions (work bench/fume hood)

Item	Type	Item no.	PU	Price in EUR	Page
Slot rail for SmartFrame MB 001		05312	1	74,99	10
Slot rail for SmartFrame mini MB 001		05313	1	54,99	10
Slot rail for SmartFrame VESA 100		05311	1	74,99	11
SmartFrame elite MB 001	635 x 615 x 120 mm (WxHxD)	05005	1	599,00	10
SmartFrame elite mini MB 001	450 x 380 x 120 mm (WxHxD)	05006	1	469,00	10
SmartFrame elite VESA 100	635 x 615 x 120 mm (WxHxD)	05001	1	549,00	11
SmartRail MB 001	300 mm	03023	1	79,99	9
SmartRail MB 001	600 mm	03024	1	99,99	9
SmartRail MB 001	900 mm	03025	1	119,99	9
SmartRail MB 001	1200 mm	03026	1	139,99	9
SmartRail MB 001	1500 mm	03027	1	159,99	9
SmartRail WM 001	300 mm	03048	1	79,99	8
SmartRail WM 001	600 mm	03049	1	99,99	8
SmartRail WM 001	900 mm	03050	1	119,99	8
SmartRail WM 001	1200 mm	03051	1	139,99	8
SmartRail WM 001	1500 mm	03052	1	159,99	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](mailto:contact@better-basics.de).

## For more detailed information, please visit our website:

Functionality of SLS 3D printing:	<a href="http://www.sls-3d-printing.better-basics-laborbedarf.de">www.sls-3d-printing.better-basics-laborbedarf.de</a>
Resistance to UV light:	<a href="http://www.uv-resistance.better-basics-laborbedarf.de">www.uv-resistance.better-basics-laborbedarf.de</a>
Resistance to aggressive media:	<a href="http://www.material-resistance.better-basics-laborbedarf.de">www.material-resistance.better-basics-laborbedarf.de</a>
Sustainability and design-efficient manufacturing:	<a href="http://www.sustainability.better-basics-laborbedarf.de">www.sustainability.better-basics-laborbedarf.de</a>



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](mailto:contact@better-basics.de)

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

[www.Better-Basics-Laborbedarf.de](http://www.Better-Basics-Laborbedarf.de)

### **Better Basics Laborbedarf GmbH**

Loebtauer Str. 69

01159 Dresden

Germany

T: +49 (0) 178 9617 577 (Direct customers)

T: +49 (0) 176 6233 8026 (Sales partners)

E: [contact@better-basics.de](mailto:contact@better-basics.de)

W: [www.Better-Basics-Laborbedarf.de](http://www.Better-Basics-Laborbedarf.de)

### **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:**

Better Basics Laborbedarf GmbH  
Loebtauer Str. 69, G-01159 Dresden

E-Mail: [info@better-basics.de](mailto:info@better-basics.de)

CEO: Mario Schneider

Commercial register: HRB 39524; Register court: Amtsgericht Dresden

VAT registration number: DE327508812

