

SORTEXX FLEX



THERMOTEX 
MARKING THE FUTURE

**The flexible and precise solution
for smooth laundry output**

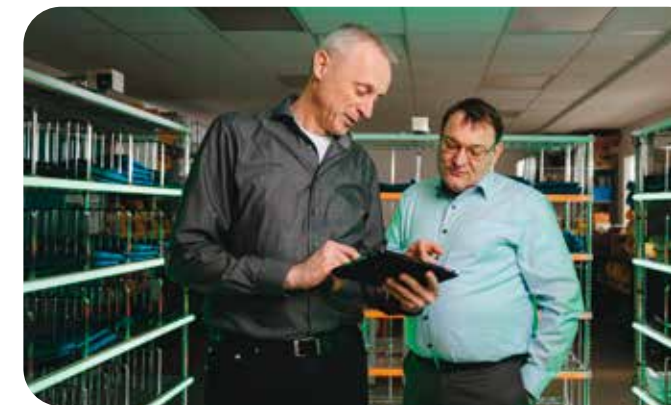


IDENTIFY. UNDERSTAND. EXECUTE.

Markus Bucher and his team at THERMOTEX develop technologies that simplify processes and create real added value.

SorTexx Flex is a system that significantly simplifies and enhances the safety of the sorting process in laundries. It combines advanced sensor technology, clear light signals, and flexible identification methods — from RFID to barcodes. The goal: prevent errors, accelerate workflows, and guide employees intuitively.

Markus Bucher plays a central role in its development. For more than 30 years, he has shaped the digital direction of THERMOTEX and has been responsible for technologies that transform everyday tasks into structured, automated processes. SorTexx Flex clearly bears his signature — from the technical concept to fine-tuning in practical operation.



Markus Bucher (right) and Alexander Keller optimize user-friendliness in the sorting process with SorTexx Flex.

In day-to-day use, the system demonstrates how well thought out it is: once a garment is detected, a green light immediately indicates the correct compartment. In the event of an incorrect assignment, a red light appears — as it does if an item is removed from the wrong compartment. Everything works without additional signage, relying entirely on visual and intuitive guidance. This simplicity combined with reliable technology is exactly what matters most to Bucher. “The aim is to make work easier for users and prevent errors,” he explains.

Together with his team, he regularly tests and optimizes sensor systems, identification technologies, and software logic. Each configuration is deliberately operated both correctly and incorrectly until processes function with absolute reliability. For Bucher, added value is always the priority — for THERMOTEX, for service providers, and for their end customers. This principle has guided him for decades.

„It’s about making work easier for users and preventing errors.“

With SorTexx Flex, the next generation has already been developed. It builds on proven foundations while further enhancing precision, user guidance, and ease of use. THERMOTEX is sending a clear message: the future of textile management is not only digital, but intelligent — and SorTexx Flex is a key component of that future. 



SORTEXX FLEX

LAUNDRY
SORTING
SYSTEM

User-friendly
operation

Stable and reliable
**wireless communication
technology**

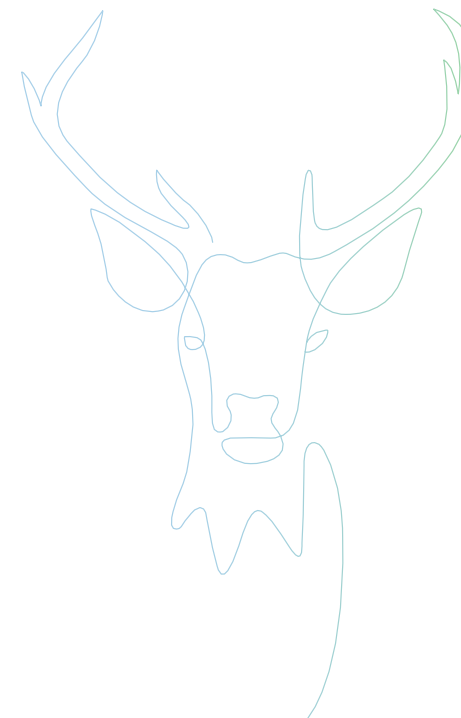
New flexibility
of the system

Advanced sorting solutions — Redefined!

Individual
colour settings
per compartment

High-precision
measurement
technology

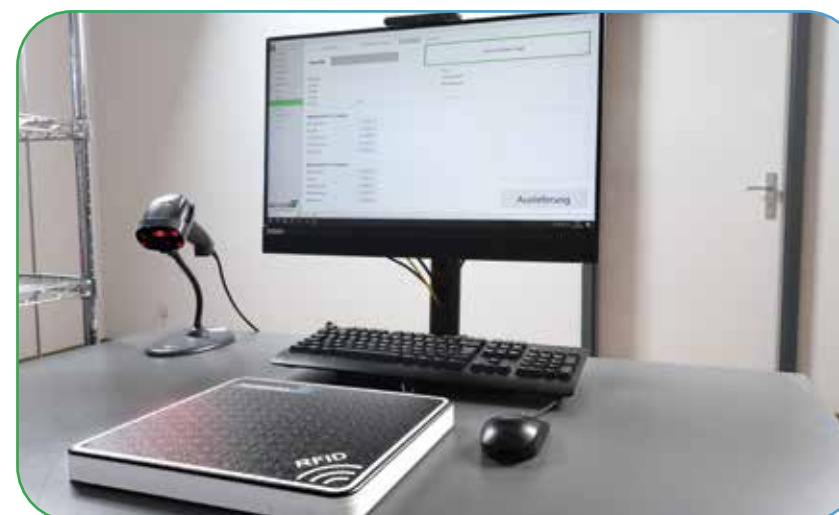
Further Information:



Depending on the laundry volume, compartments of various sizes are available — ensuring optimal sorting even for bulky garments.



The green light signal clearly indicates that the selected compartment is correct and the assignment has been successfully completed.



The monitor and reader work together with dedicated software, ensuring all relevant data is securely captured and clearly displayed.

INTELLIGENT SORTING — REDEFINED

Clearly structured workflows create the foundation for real productivity. SorTexx Flex shows how modern sorting makes the difference.



System status under control

The integrated touch interface provides all essential information in a compact format. It simplifies operation, shortens training times, and ensures that processes remain transparent and controllable — even at high throughput rates.



SorTexx Flex brings maximum structure, transparency, and reliability to the laundry output area. Its focus lies on practical day-to-day application and dependable support for employees throughout the entire sorting process. The system enables clear and error-free allocation of every single garment — regardless of whether it is identified via RFID, Data Matrix code, or barcode. At the same time, SorTexx Flex remains flexible and adaptable: the modular sorting rack trolleys can be freely arranged, interconnected, and precisely tailored to individual process flows.

The advantages of this flexibility become particularly evident in daily operations. Different compartment sizes can be combined within a single trolley, the entire compartment width can be illuminated in color, and even the smallest garments are reliably detected thanks to full-surface monitoring. Wireless technology allows the system to be expanded or reconfigured with ease — ideal for operations with changing requirements or limited space.

SorTexx Flex reduces errors, lowers process costs, and provides noticeable support to employees in their daily work. The option to integrate customer-specific special solutions further enhances the system's value as a reliable component of modern, efficient laundry logistics.

Whether resident laundry is sorted by individual, workwear is assigned to specific wearers, or garments are separated by item type and size — SorTexx Flex adapts to any sorting process. With its combination of precision, flexibility, and intuitive operation, it is the ideal solution for a future-proof, smooth-running laundry output. 

OPTIMIZED WORKFLOWS, REDUCED STRESS, AND RELIEF FOR YOUR EMPLOYEES

Economical solution: Reducing errors lowers process costs



Step 1:
The sorting process begins with the removal of the pre-treated laundry from the container — ready for clear identification.



Step 2:
Using barcode, Data Matrix, or RFID identification, each garment is uniquely assigned and prepared for sorting.

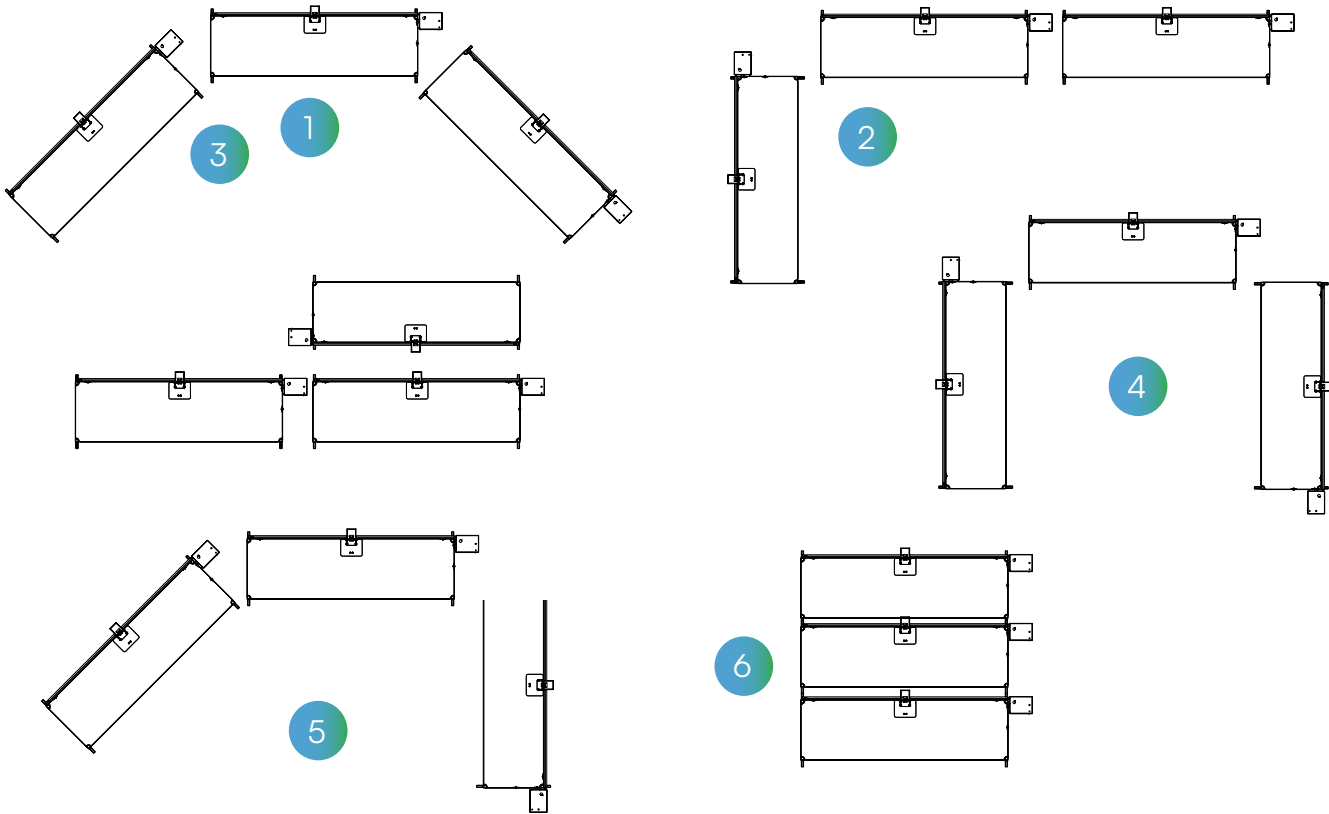


Step 3:
A red light signal clearly indicates the wrong compartment and reliably prevents incorrect allocation. The green signal confirms the correct compartment — the laundry has been sorted correctly and the process is completed properly.



Flexible Configurations

There are numerous configuration scenarios. Even when not in use, the system can be positioned in a space-saving manner, as shown in Scene 6.



Dimensions (W x D x H)	2044 x 618 x 1908
Power supply	230 V, 50 Hz
Power consumption	100 W
Degree of protection	IP 30
Protection class	1
Weight	105 kg

SorTexx Flex Systems at a Glance:

System	Size (W x H x D)	Item no.
SorTexx Flex - 20 compartments	340 x 340 x 533	24803
SorTexx Flex - 24 compartments	290 x 340 x 533	24804
SorTexx Flex - 25 compartments	340 x 265 x 533	24805
SorTexx Flex - 30 compartments	290 x 265 x 533	24806

SORTEXX FLEX

for laundry output

- ▶ Simple allocation of garments in the laundry output area
- ▶ Clear identification via barcode, Data Matrix code, or RFID technology (transponder)
- ▶ Reliable sorting through clearly visible light signals
- ▶ Audible signal in case of incorrect allocation
- ▶ Flexible sorting rack trolley arrangement thanks to wireless technology
- ▶ Configurable compartment sizes within a single sorting rack trolley
- ▶ Multiple sorting rack trolleys can be easily and flexibly combined
- ▶ Monitoring of the entire compartment area (reliable detection even for small garments)

DEVELOPED FOR
PEOPLE WHO WANT
TO WORK BETTER
EVERY DAY.

MORE CLARITY EFFICIENCY CONTROL

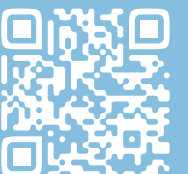
IN-SorTexx provides clear visual support for pre-sorting:

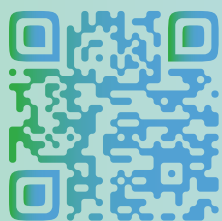
LED signals, modern identification via barcode, Data Matrix code, or RFID, as well as a flexibly deployable light sensor frame ensure reliability and speed throughout the entire pre-sorting process.

Ideal for those who want to combine modern laundry logistics with clear, intuitive solutions.



Further Information
on IN-SorTexx:





THERMOTEX NAGEL GmbH

Phone +49 781 96 16 - 0
Fax +49 781 96 16 - 50
Schutterstraße 14
77746 Schutterwald / D
www.thermo-tex.de

THERMOTEX EUROPE AG

Phone +41 61 75 19 - 100
Fax +41 61 75 19 - 101
Langenhagstraße 13
4147 Aesch / CH
www.thermo-tex.ch