

# Cleanroom Work Stations





# Clean Air for Your Application

Improve the quality and reproducibility  
of your research and production

## Reduce Complexity

Any component in your system has a significant impact on the performance - this holds true even for air.

## Save Costs

Cleanroom conditions for the best analysis accuracy and product quality – to prevent any contamination and costs.

## Protect Yourself

Against pollution and airborne pathogens including fine dust, viruses, bacteria, and pollen.

## Save Time

It can be time consuming to determine a malfunctioning component – long lead times further delay your project.



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# Hardwall Cleanrooms

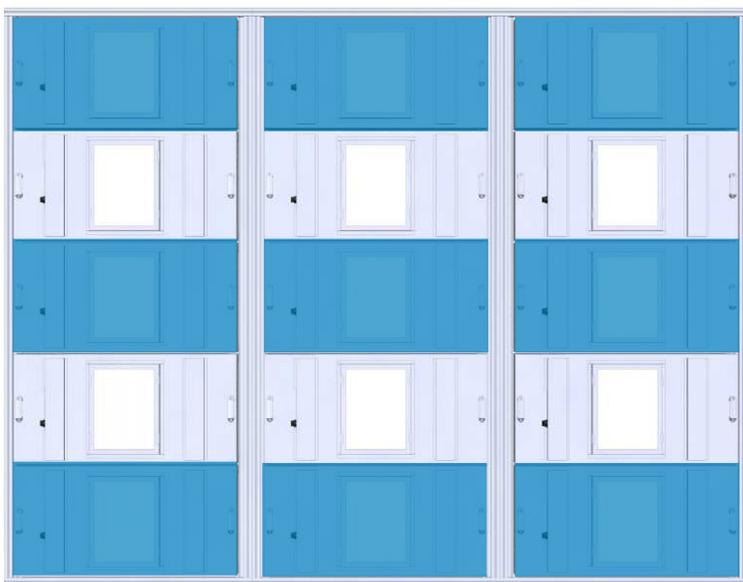
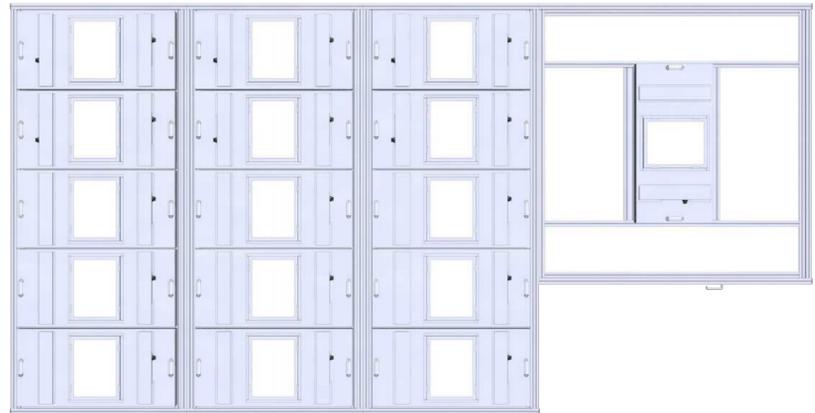
## Maximum Purity and Access Control

Hardwall cleanrooms provide you with a controlled environment for your most sensitive processes. The cleanroom is tailored to your needs and, due to its modularity, can be easily modified.



## Highest Degree of Purity

Inside the clean room thanks to a maximum of coverage with filter fan units and an airlock.



## Modifiable Grouping

For example, in two groups of nine and six FFUs for a power-saving mode.

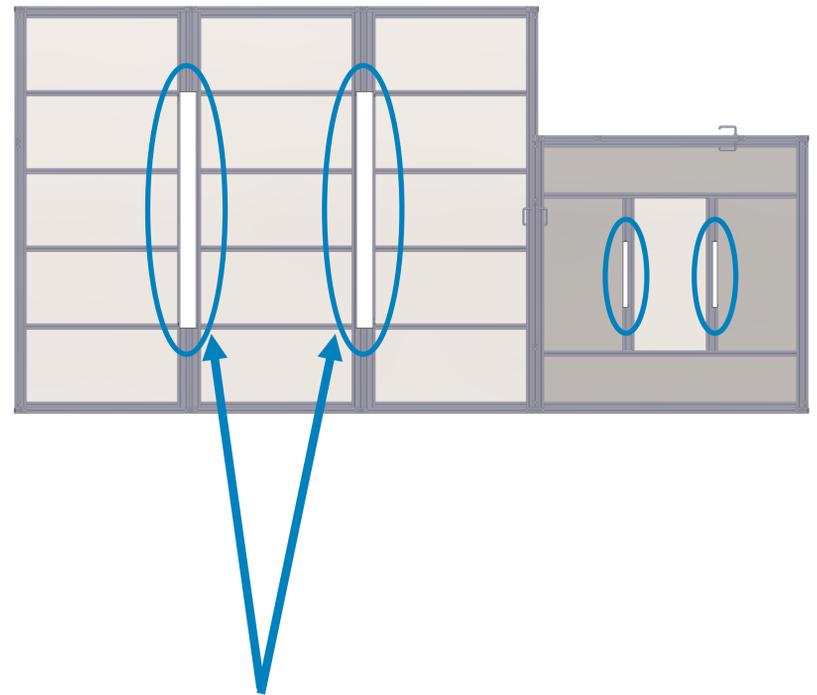
## Reliable Stability

Its strong support pillars and large panels allow you to rely on the strength of your space and install additional shelves and storage.



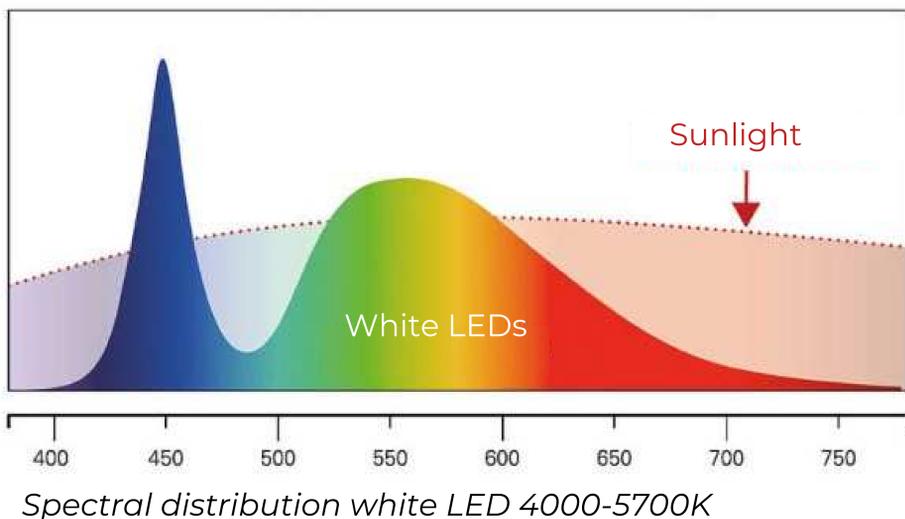
## Perfect Lighting

High-quality and dimmable LED system luminaires for homogeneous and glare-free illumination.



## Neutral White Lighting

The long lamps radiate (without UV foil) in a colour temperature between 4.000 and 4.500 K.



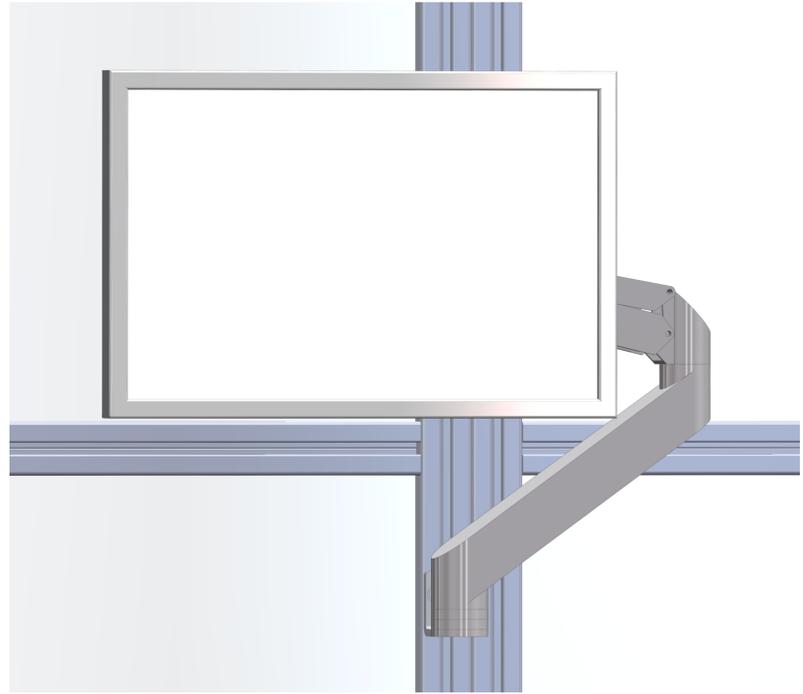
## Convenient Access

Through the air lock thanks to the doors equipped with handles and lock.



## Flexible Modifications

If required, the open profile grooves allow for quick installation of accessories such as monitor holders, power strips, etc.

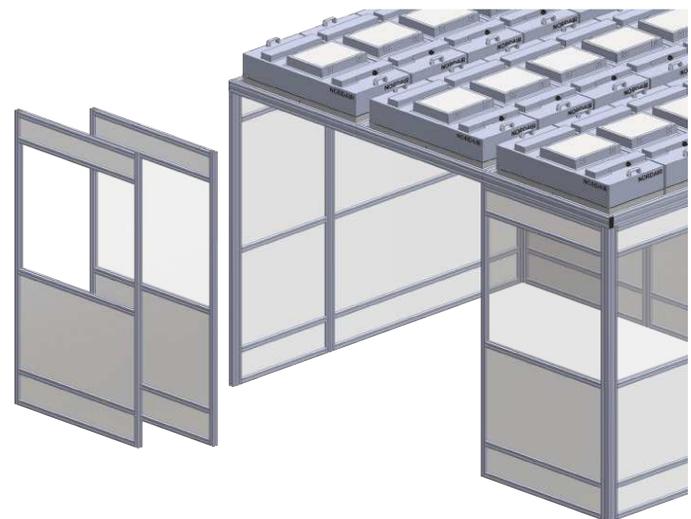


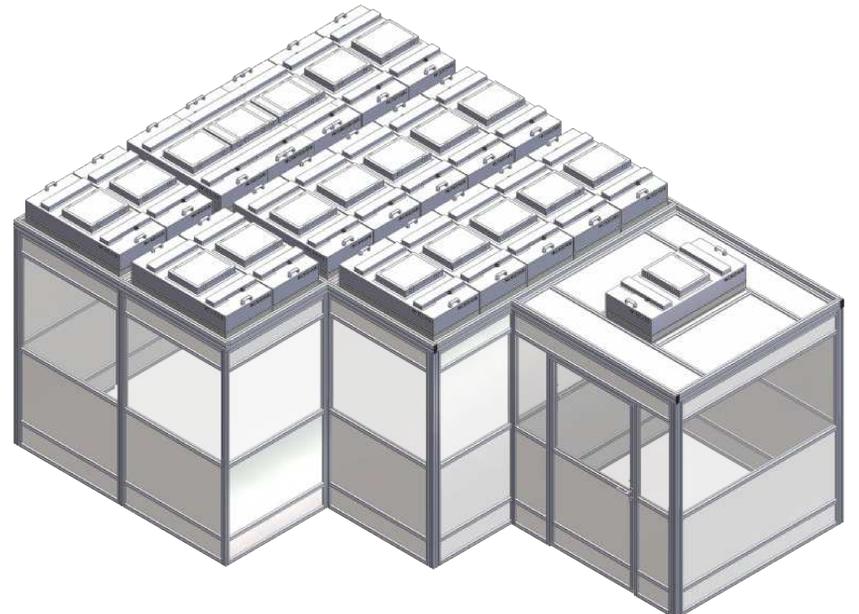
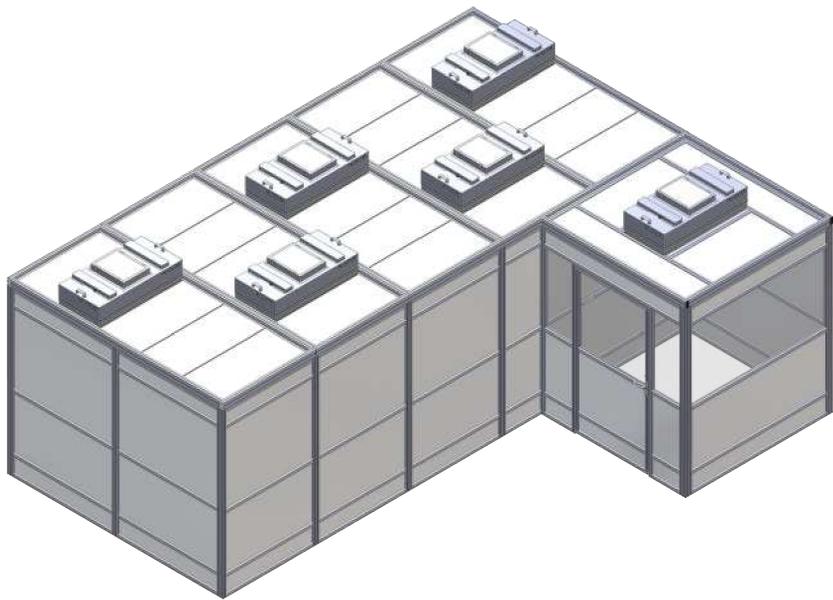
## Comfort Feeling

The wide window front provides a clear view of your surroundings.

## Access for Large Equipment

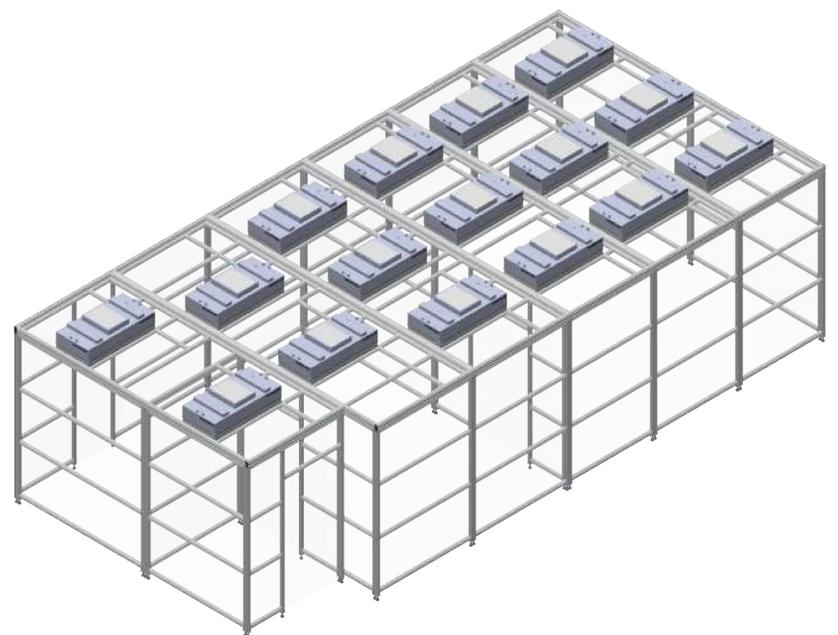
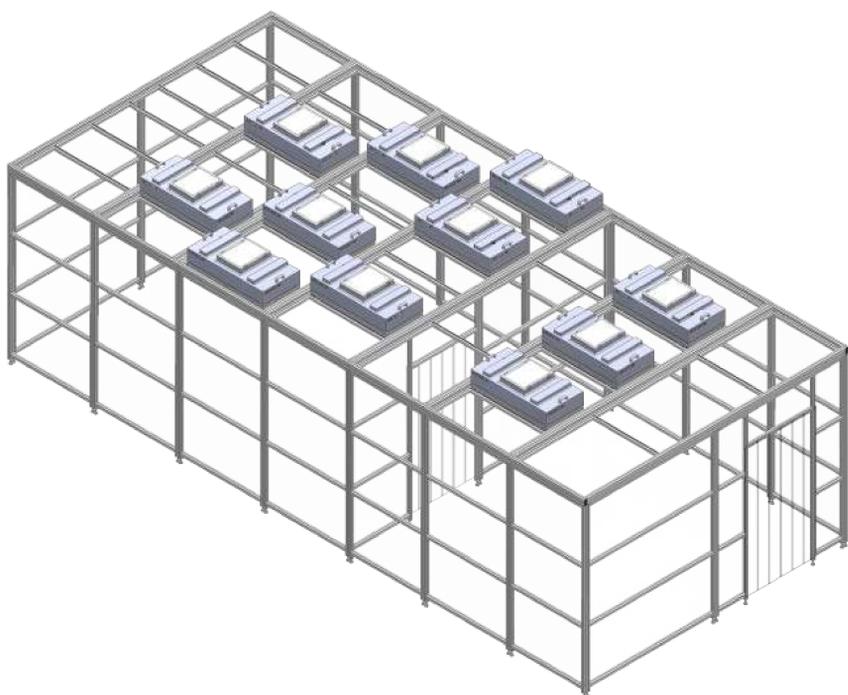
Thanks to the modular construction, you can remove two wall sections yourself. This allows an opening of 2.580 mm x 2.300 mm.





## Modularly Expandable

The modular design allows you to quickly expand your cleanroom.

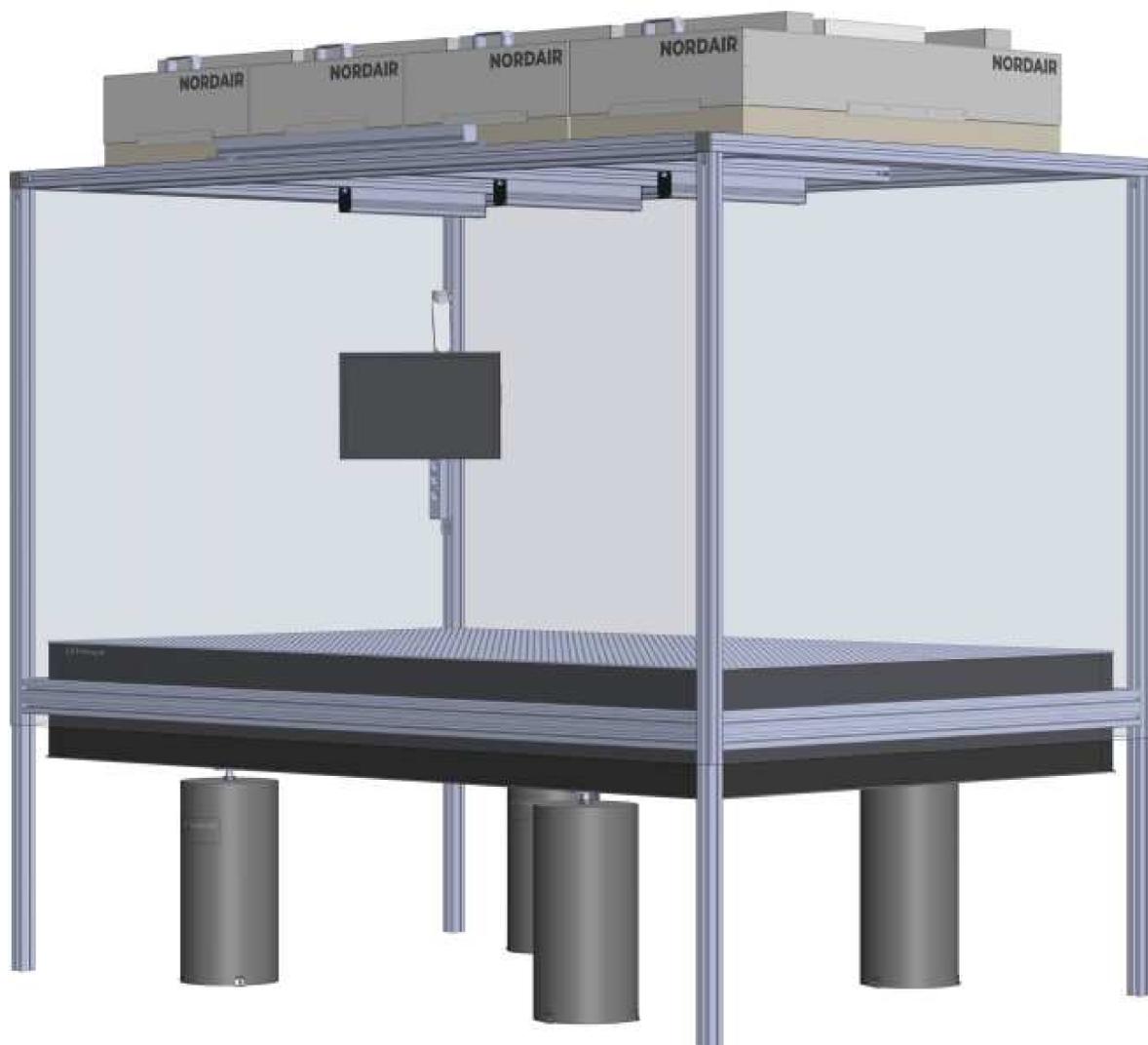


# Cleanroom Enclosures

## The Cost Efficient Alternative to Hardwall Cleanrooms

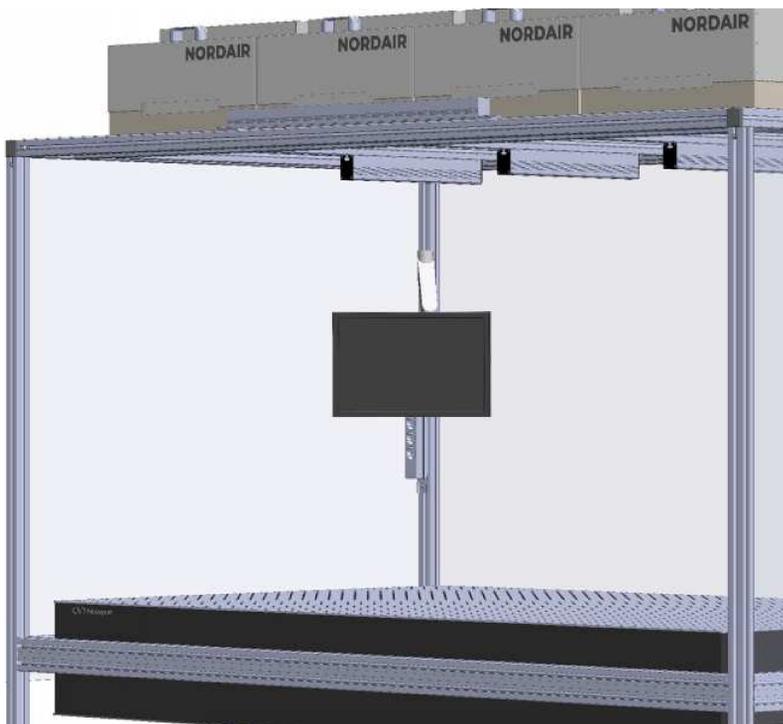
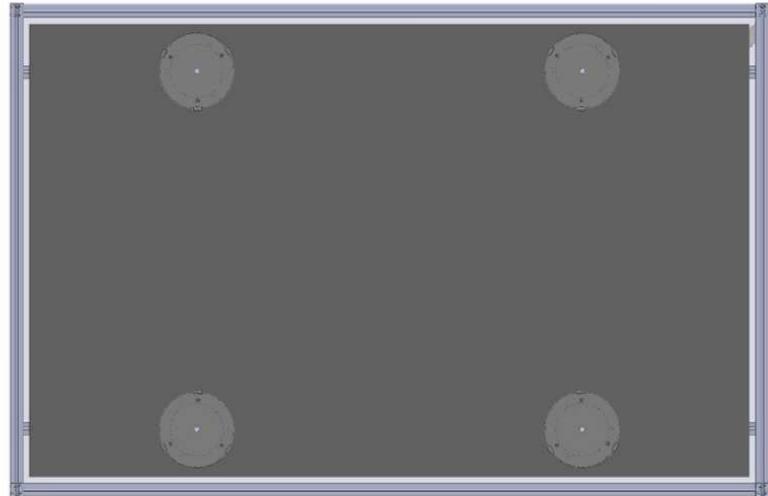
The standalone cleanroom enclosure is quickly set up and protects your application against pollution.

It can be used as a tight enclosure around an experiment or as a large room in room for various distinct working steps.



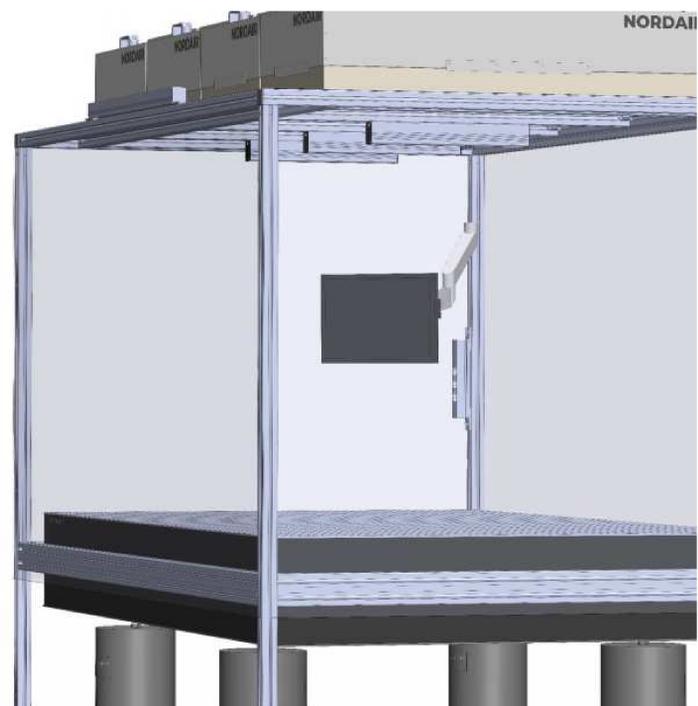
## Cost Efficient

Thanks to a minimum of cleanroom volume.



## Flexible Modifications

The open aluminium profiles let you add components like monitors, shelves, power strips etc.



## Best Protection

The monolithic, transparent PVC curtains protect your setup while working.



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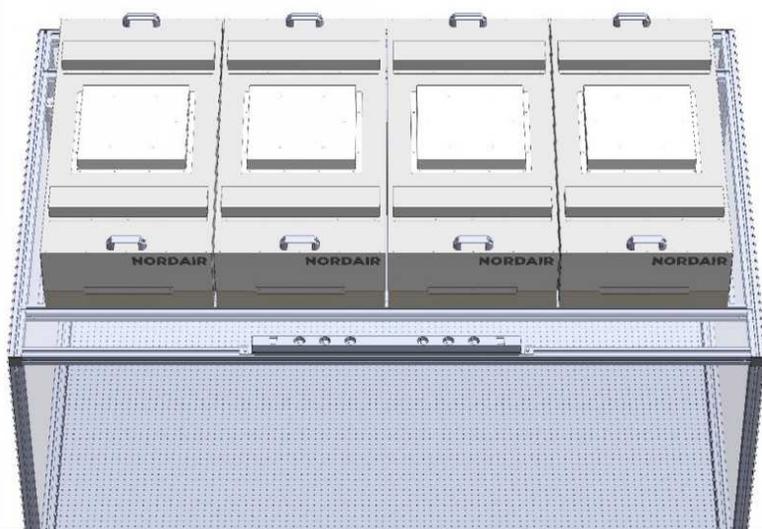
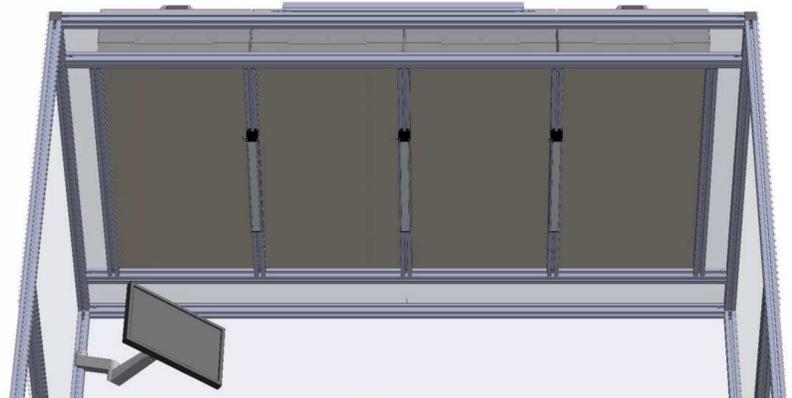
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## Homogenous Illumination

Due to powerful LED lamps with dimmer.



## Highest Cleanliness

The FFUs cover your whole setup, safeguarding a homogenous laminar air flow.

## Customizable

Each cleanroom enclosure is tailored exactly to your needs.



## Various modifications possible

### Size

Customized to your needs, perfect fit for all optical tables, tight or as walkaround enclosure

### Casing

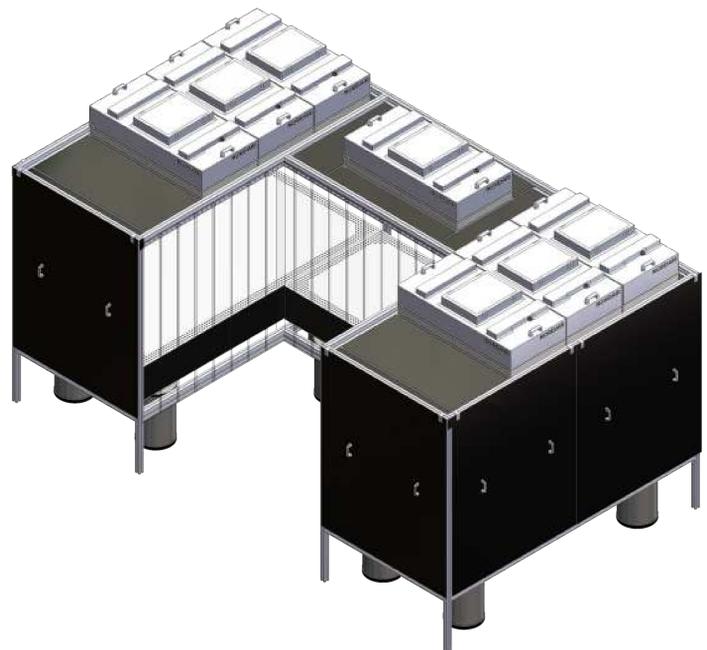
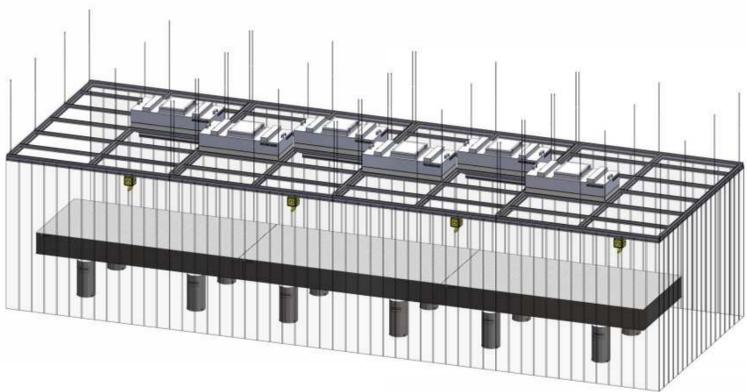
Striped or monolithic curtains, removable or fixed, PVC or TPE for UV-Lasers  
 Plexiglass windows with handles, Laser Safety

### FFU Coverage

Over your whole area or locally

### And More!

We find the perfect solution for you.



# Laminar Flow Box

## Ideal Solution for Small Work Stations

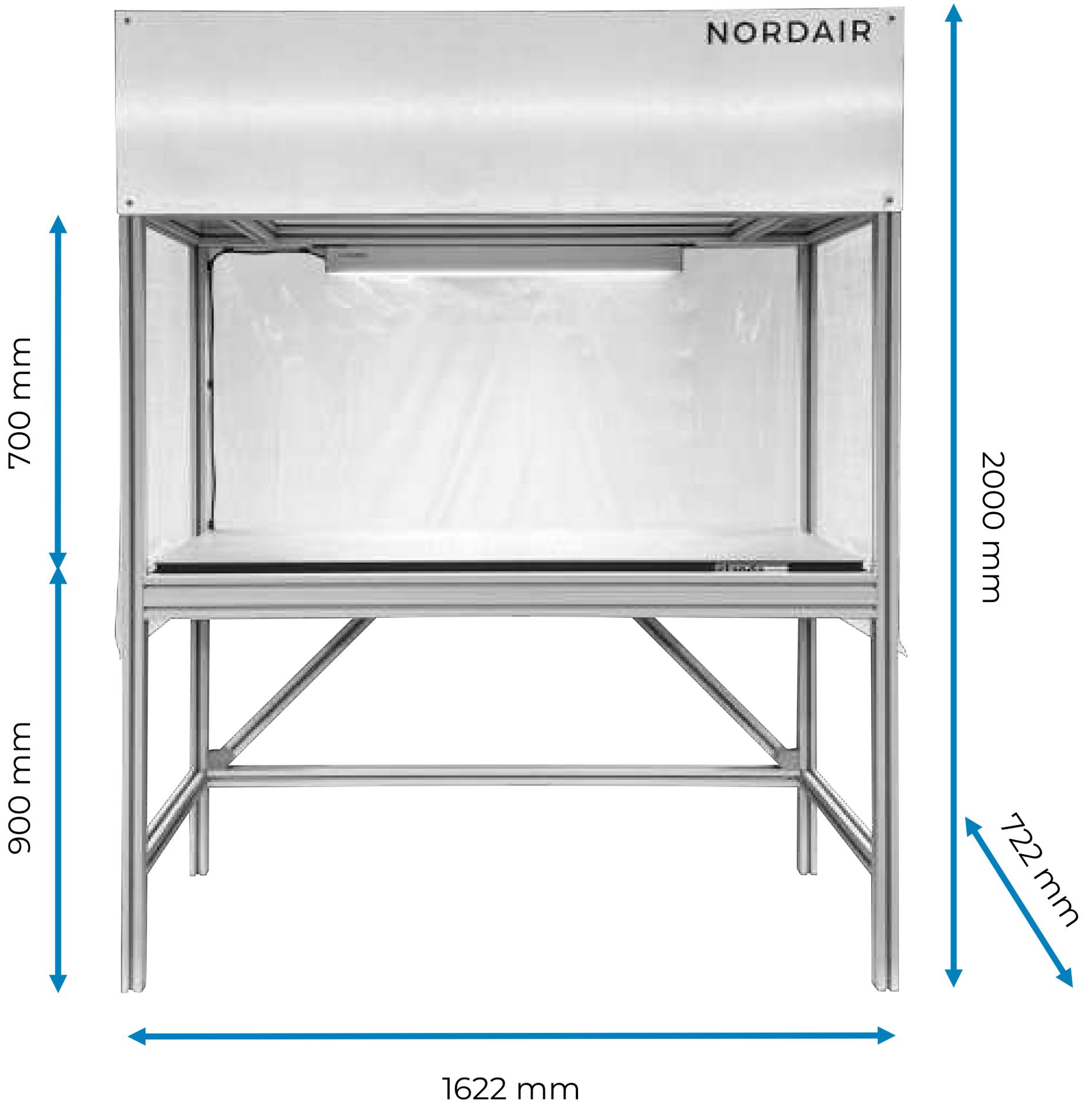
- Laser assembly
- PCR
- Gluing Stations
- Cleaning of Optics
- Sorting of Components

And many more!



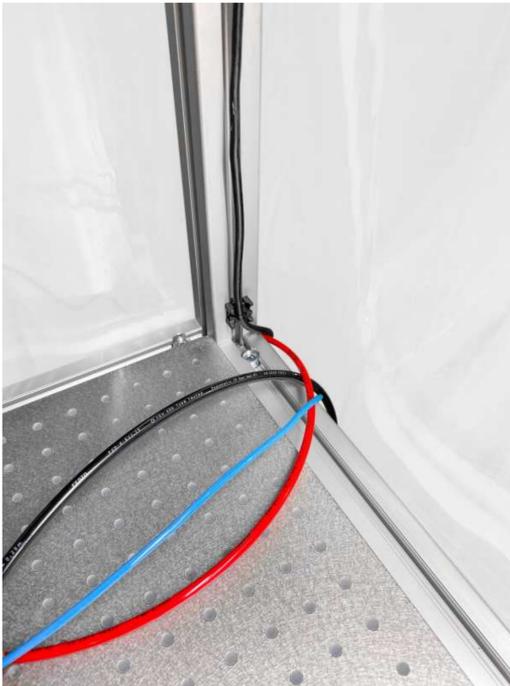
## Stable Design

Made out of 45 mm  
Aluminium Profiles



## Direct Installation of Optical Breadboards

for modal damping and  
optimized vibration  
reduction.



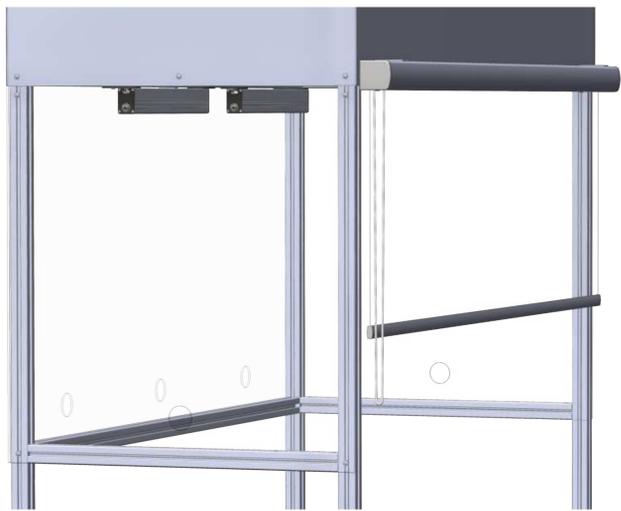
## Full Flexibility for Your Cables and Tubes

Due to transparent PVC  
curtains or plexiglass  
casing with holes.

## Homogenous Illumination

Due to powerful LED  
lamps with dimmer.





## Innovative roller blinds

The transparent PVC roller blind system gives you optimal visibility with higher cleanliness and reduced space requirements.

## Ergonomic Design

The height adjustable base frame is ideal for sitting and standing processes.

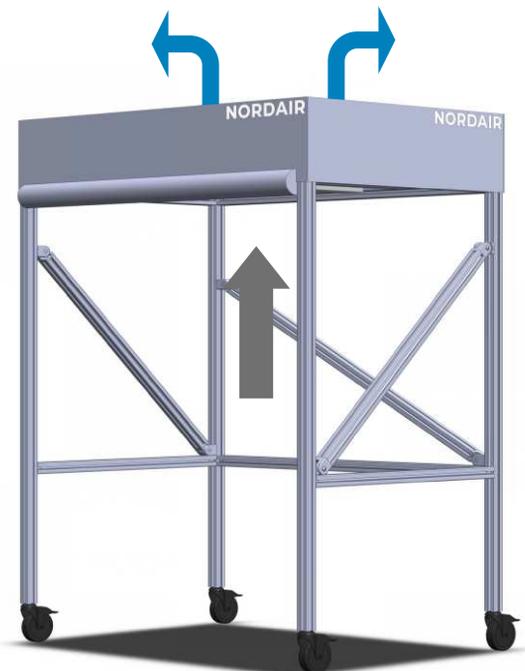
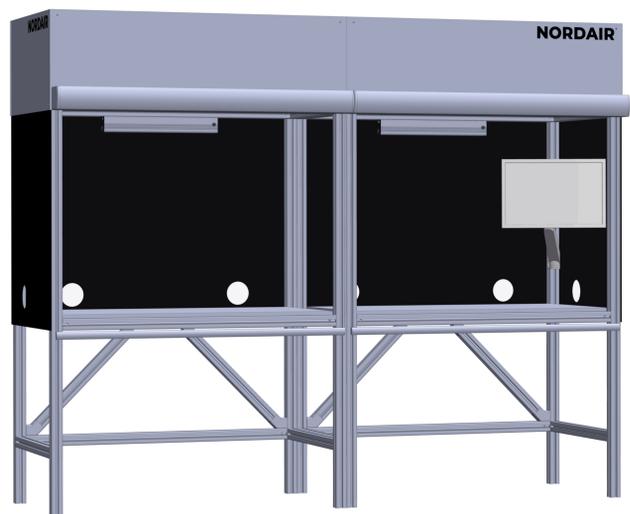


## Table Top Device

Work can be performed on every table top.

## Various Modifications Possible

E.g. size, illuminated work surface, ionisator, dust extraction, wheels etc.



# Individual Solutions

**We happily provide you with an individual solution tailored to your needs. Get in touch!**

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