

CleanProCel

CLEANROOM WORKSTATIONS

ULTRA-CLEAN AIR IN A SMALL SPACE

FLEXIBLE AND ECONOMICAL

The CleanProCel laminar flow workstations offer a simple solution for creating areas with purity classes of up to ISO 5 at specific points in an existing cleanroom environment.

With them, you can not only reliably protect your process from contaminants, but also save space, infrastructure and the high investment costs associated with new cleanroom areas.



A modern, white workstation with a clean, minimalist design. The workstation is shown from a low angle, highlighting its height and the integrated lighting. The Schilling logo and 'CleanProCel' branding are visible on the top panel. The workstation is set against a light-colored wall, and a glass partition is visible on the left side.

SCHILLING
ENGINEERING
Innovative thinking
Customized Systems

CleanProCel®

UNPACK AND USE PLUG AND PLAY

Our workstations are supplied as fully assembled one-piece units. Just plug them in and start working.



THE CLASSIC

OUR MELAMINE LAMINAR FLOW HOOD

Practical and good value for money: that's our compact melamine laminar flow hood, designed as a portable unit that can be mounted on any suitable table. These units feature easy-to-clean surfaces and quiet-running and efficient filters.

Using the flow hood, you can easily achieve a controlled and safe environment.



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The flow hood is supplied as a
table-mount unit.

MAXIMUM FLEXIBILITY

FOR SITTING OR STANDING

Just place the flow hood on a table and start using it. We can also supply a matching cleanroom table upon request.

With the adjustable height option, it becomes an ergonomic workstation that you can work at while sitting or standing.



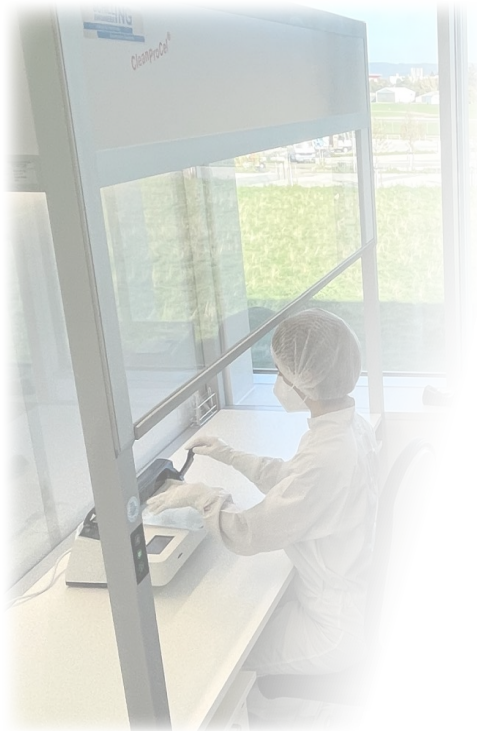
THE EYE-CATCHER

OUR ALUMINIUM CLEAN BENCH

With its glass walls and aluminium frame, our laminar flow clean bench is a clear winner in terms of design.

It meets the requirements of ISO clean-room class 5 and GMP grade A/B, creating ideal conditions for your GMP applications. Especially for pharmaceutical manufacturing or analytical and chemical processes, our clean bench provides maximum user comfort.

Thanks to the design, the size and equipment options can be flexibly adapted to your requirements.



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The clean bench is supplied as a single unit and can be put into operation immediately – no further preparations are necessary.

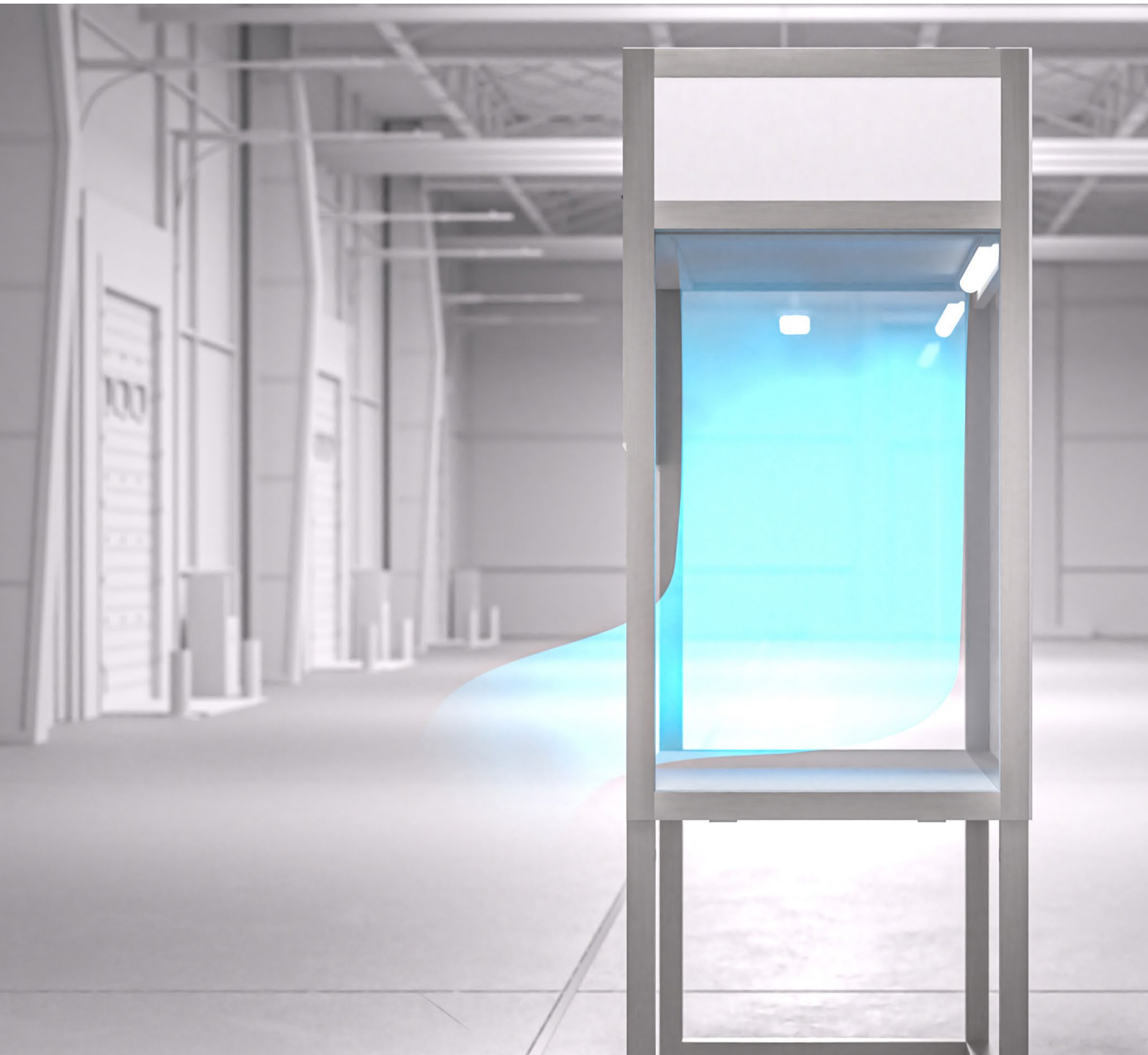


LIGHT FROM ALL SIDES

BRIGHT AND EVEN

The glass walls allow natural light to illuminate the process from all sides. The uniform LED lighting is fully GMP-compliant.

The filter fan unit is installed in the ceiling element and features easy access for maintenance or replacement.



SIMPLE MAINTENANCE

EASILY ACCESSIBLE FILTERS

The filters are quiet and require very little maintenance. You can easily replace the filters yourself – or get one of our service technicians to do it for you.



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The high-performance filter is integrated into the hood to free up space.

DIRECTED LAMINAR FLOW

SMALL FILTER, BIG IMPACT

A ULPA 15 high-performance filter is integrated into the hood to supply ultra-clean air at a constant rate. The filtered air flows vertically on to the work surface over its entire width and blows contaminant particles out of the work area through the front.

Especially for manual tasks or small-scale processes, you can achieve a very high cleanroom class using a laminar flow clean bench in a cleanroom or an area with controlled technical cleanliness that has minimal qualification requirements without having to invest in expensive high-performance cleanrooms.



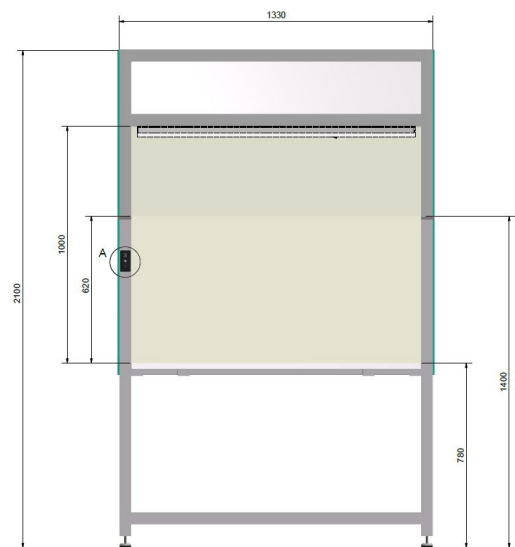
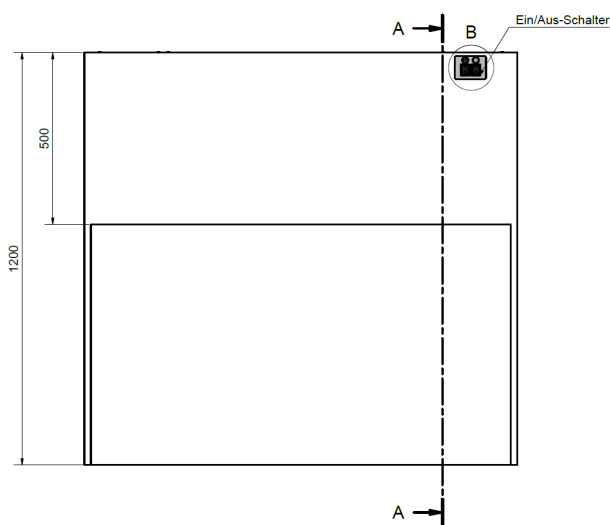
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Sensitive products and instruments lie directly in the path of the laminar flow, which sweeps away any contaminant

DIMENSIONS

STANDARD AND MORE

We offer our flow hoods and clean benches in various standard sizes to meet various requirements.

Our fast delivery lead times mean that your units are on site and ready to operate in next to no time.



FLOW HOOD DIMENSIONS

Version 1: 1260x650x1200 mm (WxDxH)

Version 2: 1870x650x1200 mm (WxDxH)

CLEAN BENCH DIMENSIONS

Version 1: 1330x720x2100 mm (WxDxH)

Version 2: 1900x720x2100 mm (WxDxH)

Besides offering standard sizes, we can supply clean benches with custom sizes and designs.

Contact us – we will be happy to advise you!

CLEANPROCEL CHARACTERISTICS

- Cleanroom class ISO 5
- Easy start-up (plug and play)
- Ceiling elements with integrated filter fan units (ULPA 15)
- Surface-mounted LED lights
- Separate on/off switches for light and filter fan unit
- Simple maintenance
- Options
 - ESD
 - Roll shutters
 - Power sockets
 - Feed-throughs
 - Glass touch panel with maintenance required light
 - Special size
 - Height-adjustable table
 - Horizontal laminar flow

TECHNICAL SPECIFICATIONS

FILTER

Degree of separation	99.9995 %
Air flow rate	1100 m ³ /h
Noise level	< 50 dB(A)

LIGHTING AND CO.

Illuminance	500 LUX
Power supply	230 V

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Further details:
schillingengineering.de/en/products/workstations

OUR CLEANROOM SYSTEMS

SUPPORT PROCESSES IN THESE INDUSTRIES

- Pharmaceutical industry
- Medical technology
- Biotechnology
- Clinics
- Pharmacies
- Blister centres
- Cytostatics laboratories
- Cosmetics industry
- Semiconductor industry
- Automobile industry
- Display fabrication
- Microtechnology
- Nanostructural engineering
- Optical industry
- Laser technology
- Data carrier technology
- Solar industry
- Food technology
- Packaging technology
- Aerospace technology

OUR BRANDS

CleanEasyCell[®]

CleanMediCell[®]

CleanFlowCell[®]

CleanCell 4.0[®]

CleanSteriCell[®]

CRControl[®]

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