TIMOTEC





COMPANY PROFILE

TIMOTEC Reinraumtechnik a.s.

Isolator Technology & RABS

Decontamination Equipment

Laminar Flow Solutions for Cleanrooms



Together We Create **Individual Solutions**

QULITY
EXPERIENCE
FLEXIBILITY
PARTNERSHIP

TIMOTEC Reinraumtechnik a.s.

We specialize in the custom design and manufacturing of isolator technology, RABS, decontamination equipment and laminar flow solutions for cleanrooms.

Since 2004, we have been delivering tailored solutions for pharmaceutical and other controlled-environment applications.

Thanks to our in-house engineering team and our own production facility in the Czech Republic, we can respond flexibly to specific customer requirements and develop solutions that combine functionality, safety, user-friendly operation and well-thought-out design.

From initial design to final production and delivery, we focus on high-quality materials, precise workmanship and attention to detail. Our solutions are designed to provide safe and efficient material handling while creating a practical and comfortable working environment for operators.

Customizes Solutions

Own Production Site

GMP-Compliant Design

Experience with Isolator Technology Since 2004

TIMOTEC

MADE IN THE
CZECH REPUBLIC



TIMOTEC Reinraumtechnik a.s.

We Are a Member of the TIMOTEC® Group

Timotec Reinraumtechnik a.s. has been a member of the TIMOTEC® Group since 2025.

TIMOTEC® Group is a provider of customized solutions in isolator technologies, laminar flow systems, automation, robotics, cleanrooms, and specialized equipment.

Founded in 2025, TIMOTEC® Group was established through the merger of three European companies from Germany, the Czech Republic, and Slovakia: TIMOTEC Reinraum- und Automatisierungstechnik (since 2005), BLOCK Technology (since 2004), FOR Clean (since 1999).

25+ Years
of Experience and Technical Expertise

With a history dating back to 1999, we combine extensive expertise, in-house development and manufacturing, and strong technological capabilities to deliver comprehensive, tailor-made solutions that meet our customers' specific needs.

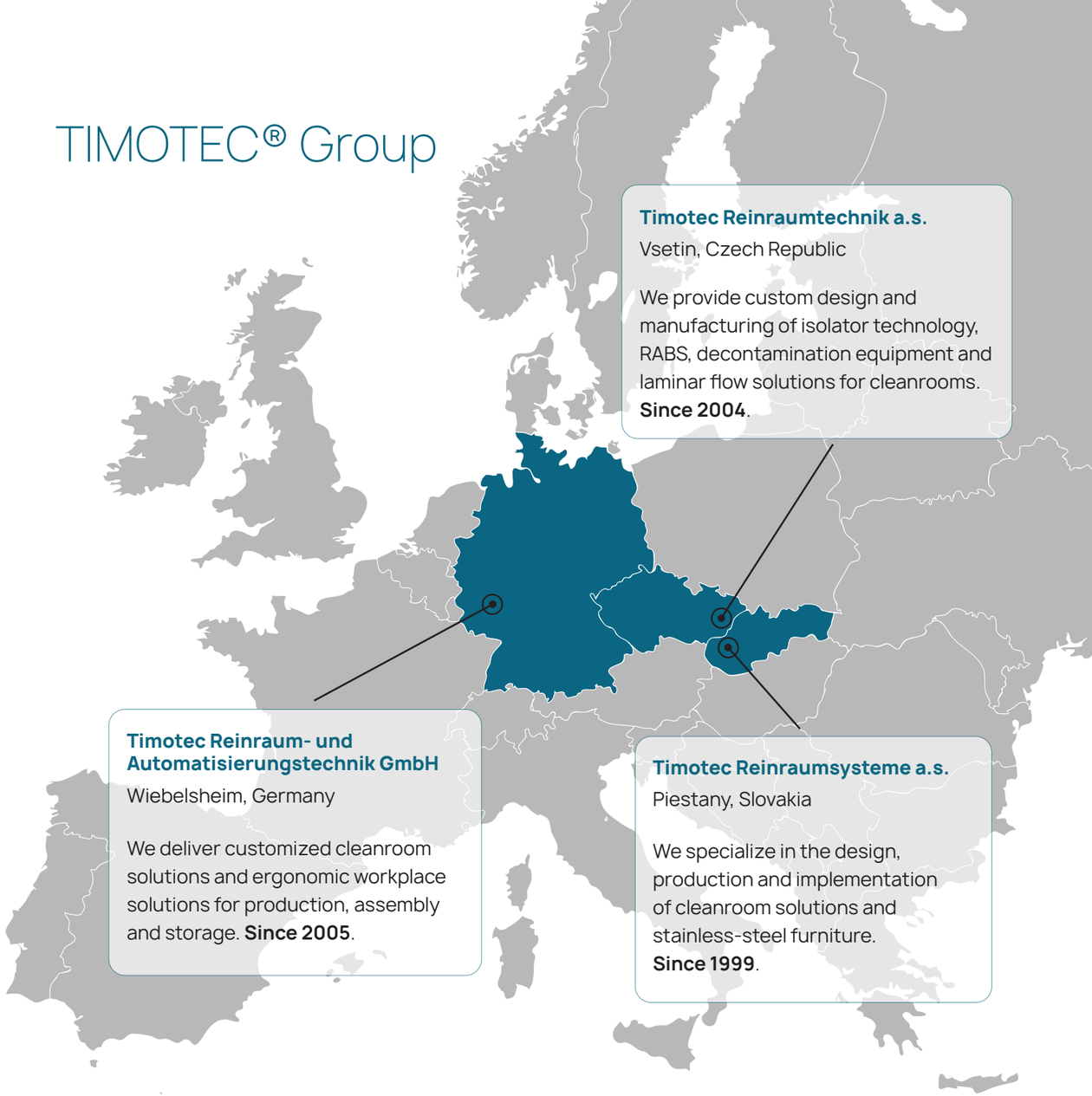
Tailored Approach, Innovation & Flexibility

Our strong technical expertise, in-house development, and manufacturing capabilities enable us to respond flexibly to specific customer requirements and deliver innovative solutions with a strong focus on quality, flexibility, and individual customer needs.

Solutions for Pharma, Biotech, Research & Healthcare

Our solutions are designed for the pharmaceutical industry, biotechnology, medical device manufacturers, scientific and research institutions, and healthcare facilities.

TIMOTEC® Group



Timotec Reinraumtechnik a.s.
Vsetin, Czech Republic

We provide custom design and manufacturing of isolator technology, RABS, decontamination equipment and laminar flow solutions for cleanrooms. **Since 2004**.

Timotec Reinraum- und Automatisierungstechnik GmbH
Wiebelsheim, Germany

We deliver customized cleanroom solutions and ergonomic workplace solutions for production, assembly and storage. **Since 2005**.

Timotec Reinraumsysteme a.s.
Piestany, Slovakia

We specialize in the design, production and implementation of cleanroom solutions and stainless-steel furniture. **Since 1999**.

Our Poduct Portfolio



Isolator Technology and RABS
Custom-made

Designed and manufactured to meet individual customer requirements. Made from high-quality AISI 304 and AISI 316L stainless steel for demanding applications such as weighing, sampling, material handling, and sterility testing.



VHP Decontamination Lock
Available as a standard product
or custom-made

Decontamination locks enable material transfer between cleanrooms of different grades (typically B and C), using hydrogen peroxide vapour for surface decontamination.

Our Poduct Portfolio



VHP Pass Box
Custom-made

The VHP Pass Box enables safe material transfer between cleanrooms of different cleanliness classes. It uses vaporized hydrogen peroxide (VHP) to decontaminate surfaces, while airtight doors with inflatable seals help prevent the escape of biologically active materials.



Weighing Booth with Laminar Air Flow
Available as a standard product
or custom-made

The laminar flow weighing booth is designed for safe sampling and weighing of pharmaceutical active ingredients (APIs) up to OEB 4. It features dedicated work and service areas, controlled air extraction, and an optional manual weighing system.

Our Poduct Portfolio



Vaporized Hydrogen Peroxide Generator – Puriter
Standard product

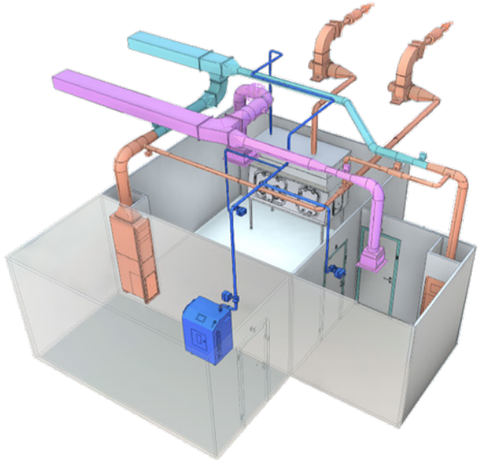
Puriter is designated for the sterilization of interior surfaces utilising liquid hydrogen peroxide. The entire process is carried out using patented TIMOTEC® technology. The device is mobile, which means that surfaces in various places may be decontaminated.



Integrated Hydrogen Peroxide Vapour Generator
Only available as part of a TIMOTEC® system

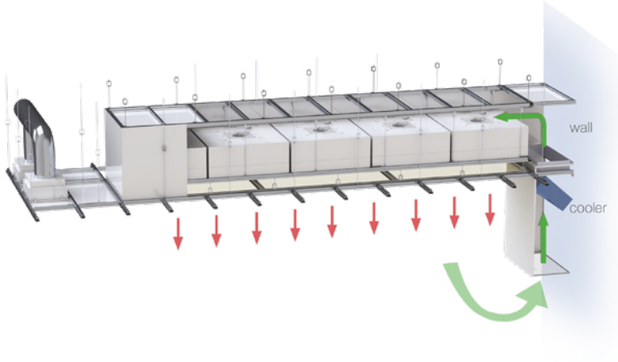
Equipment integration into the isolator or the pass-through cabinet. This equipment is designated for the sterilization of interior surfaces utilising liquid hydrogen peroxide.

Our Poduct Portfolio



Integrated Building Decontamination System
Custom-made solution

A fully integrated and centralized solution of decontamination. For this variant, we use our mobile HPV generator, which is connected to the pipes distributed to individual rooms.



Laminar Field from Circulation Units
Standard product

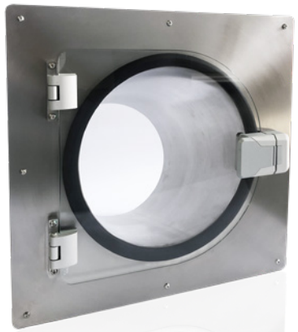
Laminar flow ceilings provide localized air cleanliness and intensive air exchange in cleanrooms. Designed for suspended ceiling installation, they feature integrated FFU units with HEPA filters and LED lighting.

Our Poduct Portfolio



Glove Tester
Standard product

The tester is used to test the leak tightness of gloves in oval flanges. This testing is specifically performed for isolators and microbiological boxes.



Continuous Liner for a Partition
Standard product

The continuous liner enables safe material transfer out of cleanrooms while securely wrapping contaminated contents in foil to protect the operator. Suitable for partition thicknesses up to 52 or 60 mm.







Customized Isolator Technology & RABS Solutions



> **Custom-made projects are at the core of our business.** We believe in a personalized approach to every customer. With our in-house development, design, and manufacturing capabilities, we respond to individual needs with flexibility, efficiency, and tailor-made solutions."



Customized Isolator Technology & RABS Solutions

TIMOTEC specializes in the design and manufacture of custom isolator technology and RABS (Restricted Access Barrier Systems). With our in-house design and manufacturing capabilities, we take an individual approach to every customer, providing flexible solutions tailored to specific requirements.

Our isolators combine **carefully engineered designs with high-quality materials and precision manufacturing.** Constructed from durable AISI 304 or AISI 316L stainless steel, they are designed for demanding pharmaceutical applications, including weighing, sampling, material handling, and sterility testing.

All Services Under One Roof



1.

Specification Consulting (URS)

We provide complete solutions on the basis of an analysis of your requirements and needs including pricing, description of our quotation and the subsequent processing of your order.



2.

Mock-up

Your order is passed on to the design department. For an individual specialised customer requirement we develop a 3D proposal or a mock-up model for testing and optimisation of equipment ergonomics.



3.

Production

We have our own isolator production facility in the Czech Republic. We are able to respond quickly and flexibly to meet your individual requirements thanks to the close cooperation of our production, design and commercial teams.



4.

FAT Test

A Factory Acceptance Test (FAT or in brief "acceptance") is performed on the installation site in the presence of the customer after the isolator is completely fabricated. The customer may invite an independent expert to the FAT test. Possible changes arising during testing are then incorporated.

All Services Under One Roof



5.

Installation

The installation of your isolator is executed by our thoroughly trained employees or certified partners on the site of operation. According to the type of isolator and dimensions of the building access openings we transport either a completely assembled isolator or one disassembled into smaller parts which are then subsequently assembled.



6.

SAT Test

Our expert team performs complete testing, control and other tasks necessary for validation of the installed equipment according to internationally recognized rules and procedures. Our staff can provide periodical check-ups and re-validation of your equipment.



7.

IQ, OQ, PQ Validations

Documented verification that systems and equipment can operate effectively and reproducibly according to the approved manufacturing process and product specifications.



8.

Maintenance

For ensuring smooth function of your isolator, the TIMOTEC® service team performs all service and maintenance operations on your request. We also provide consumable materials, e.g. gloves, hydrogen peroxide or other required components

In-House R&D

Our R&D department, in cooperation with research institutes, focuses on continuous improvement and innovation in isolator technology. We strive to constantly enhance our product range, while also developing custom solutions tailored to our customers' specific needs.

Decontamination

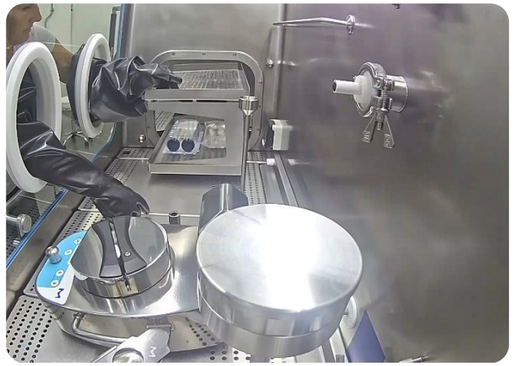
We continuously develop and optimize new decontamination processes for advanced pharmaceutical applications.

Online streaming

The system provides continuous visual monitoring of the workspace inside the isolator. 24/7 real-time online streaming.

Machine reading of 1D/2D codes

Automated identification of instruments, tools, and materials to prevent sample mix-ups.



Real-Time Monitoring

We have been working on a development project "A system for real-time monitoring of aseptic production of medicinal products for gene therapy."



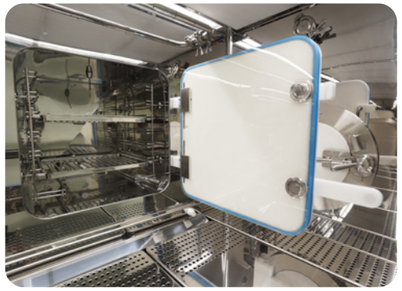


In-House R&D

ATMP Solution

Isolator with Integrated Incubator: We have recently launched a Cell and Gene Therapy Device - ATMP.







Why Partner with TIMOTEC?

Tailor-Made Solutions
Customized technologies designed to meet your specific requirements.

In-House Expertise
Our own design, development, and manufacturing capabilities.

Proven Experience
Extensive know-how in isolator technology and demanding pharmaceutical applications.

Quality & Precision
High-quality materials and carefully engineered solutions.

Flexible Approach
Individual solutions tailored to your processes and needs.

Quality, Reliability & Expertise

Reliable Support
Technical assistance and service throughout the equipment lifecycle.

GMP-Focused Design
Designed with applicable GMP requirements in mind.

European Components
High-quality components sourced from European suppliers.

Made in the Czech Republic
Designed and manufactured in the Czech Republic.

Standards

TÜV SÜD certification

- **ISO 9001:2015** – Quality Management System
- **ISO 14001:2015** – Environmental Management System
- **ISO 45001:2018** – Occupational Health and Safety Management System





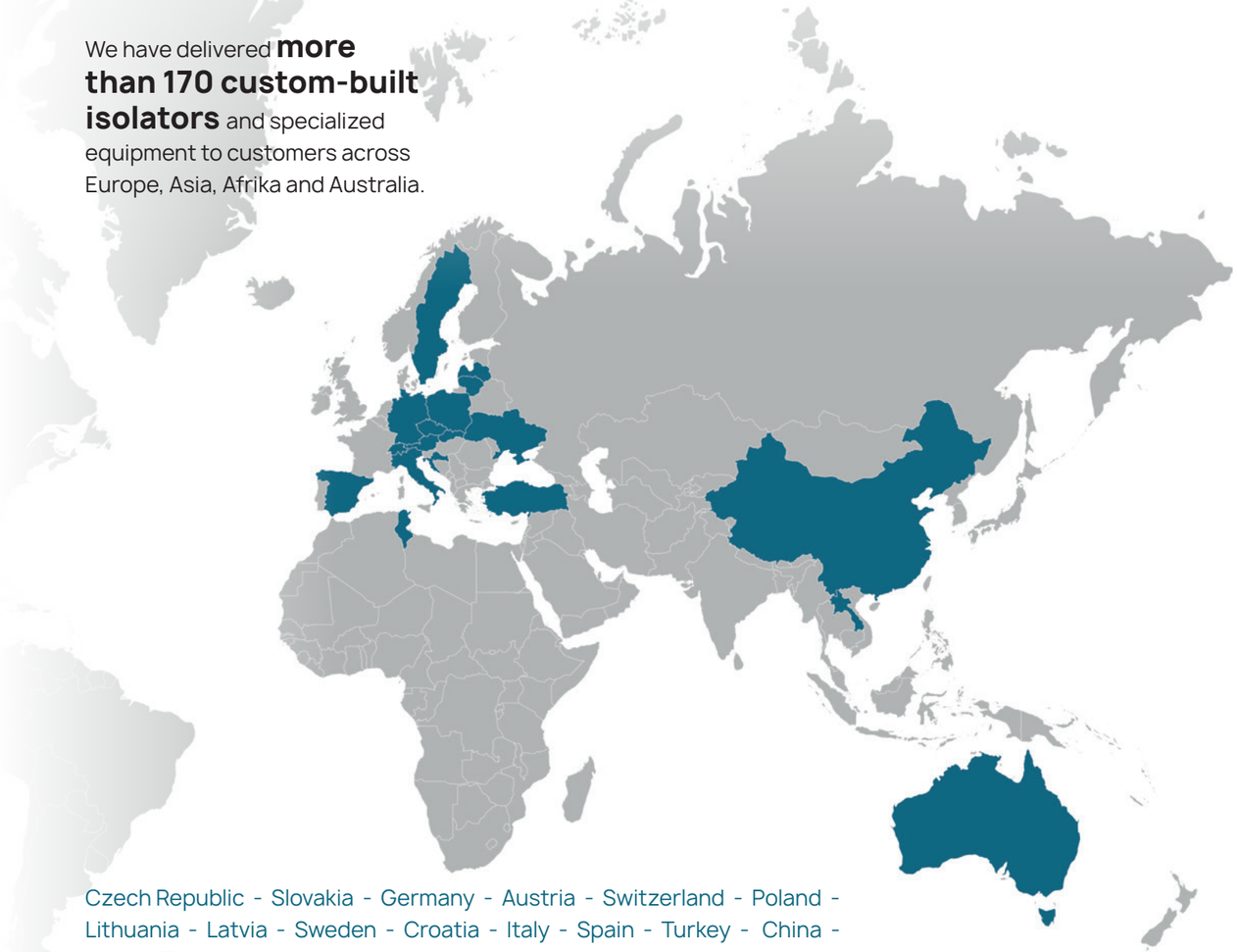


GMP & ISO Compliance

Designed to meet applicable GMP and ISO requirements, our isolator technology supports high standards of pharmaceutical safety and quality.

Where can you find our products?

We have delivered **more than 170 custom-built isolators** and specialized equipment to customers across Europe, Asia, Afrika and Australia.

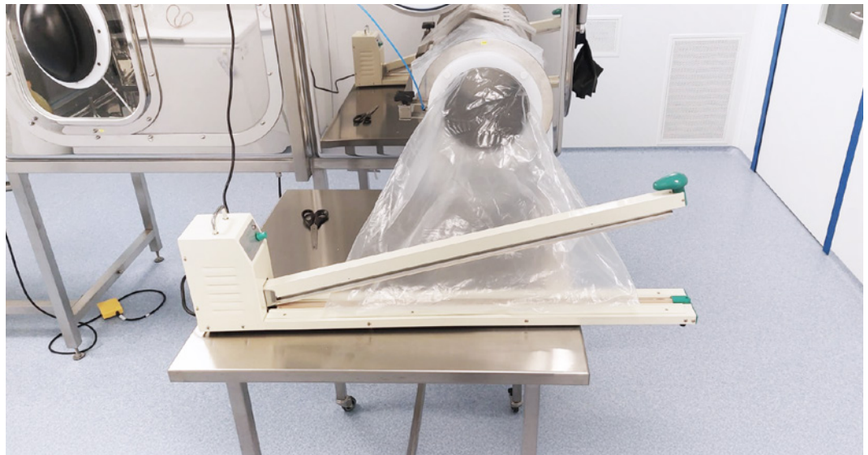


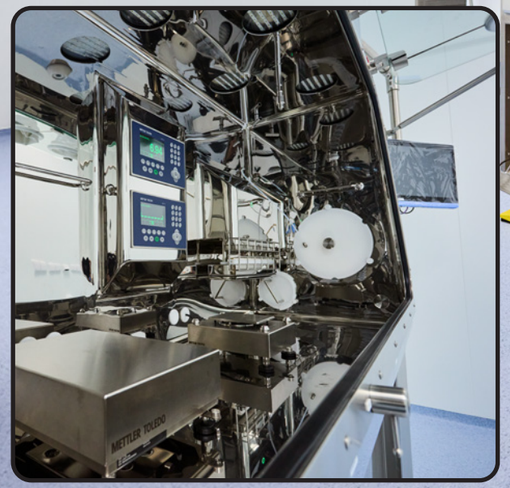
Czech Republic - Slovakia - Germany - Austria - Switzerland - Poland - Lithuania - Latvia - Sweden - Croatia - Italy - Spain - Turkey - China - Laos - Tunisia - Australia

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Isolator Workplace for API Production,
Cayman Pharma s.r.o., Czech Republic





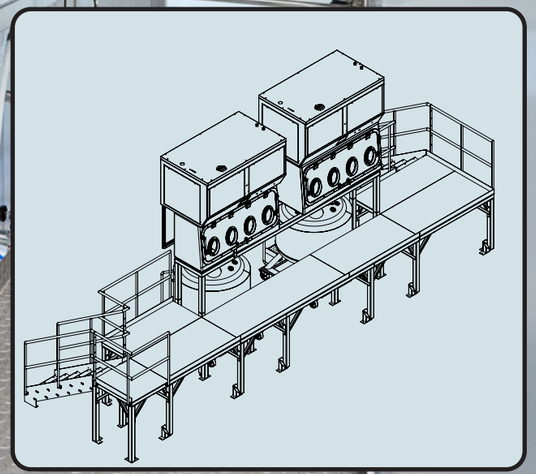


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Weighing/Containment Isolator: Isolator is used for preparation of solutions and manipulation of category **OEB6 API**, Oncomed manufacturing, Czech Republic

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Compounding Isolators: Isolator workplace with turbulent flow for the preparation of solutions and handling of high **API category OEB6 (OEL 0.01 µg/m3)**, Oncomed manufacturing, Czech Republic





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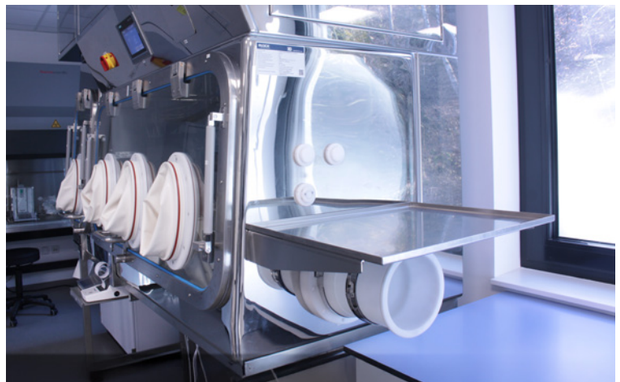
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Negative pressure isolator for protect of the personal, processed material
API, light sensitive, humidity sensitive, Synthon, s.r.o., Czechia

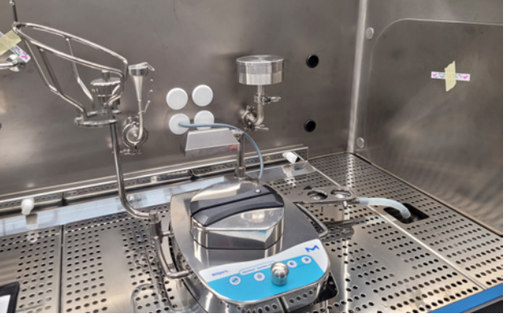


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Merck & Cie, Switzerland

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Zentiva, Czech Republic



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Isolator for working with mammalian cells and tissues,
Bioceltix S.A., Poland





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Isolator for handling viruses and infectionus substances, Biotechnological Hall (Bioveta Tech Hall), Bioveta a.s., Czechia



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Laminar flow trolley, Object No. 3 for hormonal preparations, Bioveta a.s., Czech Republic





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Isolator for the handling with vaccines and transfer to formulation boilers, Biotechnological Hall (Bioveta Tech Hall), Bioveta, a.s., Czechia

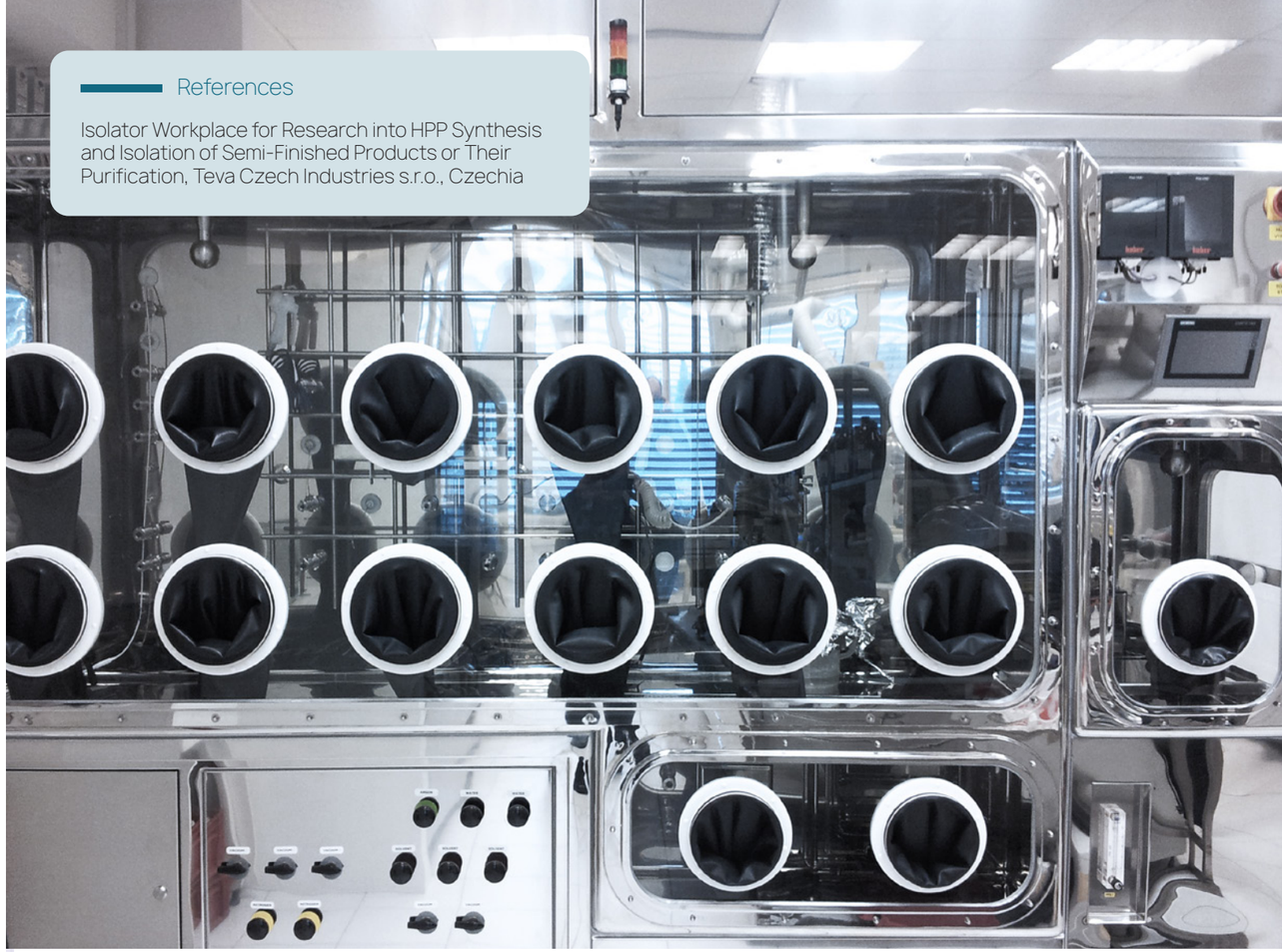


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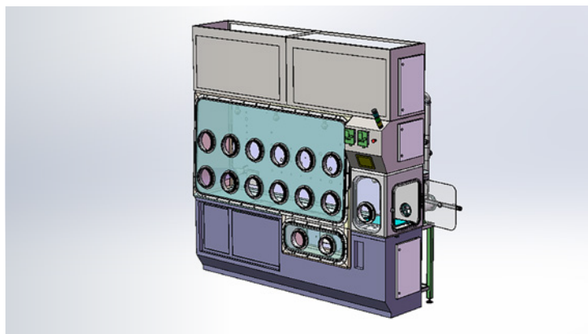




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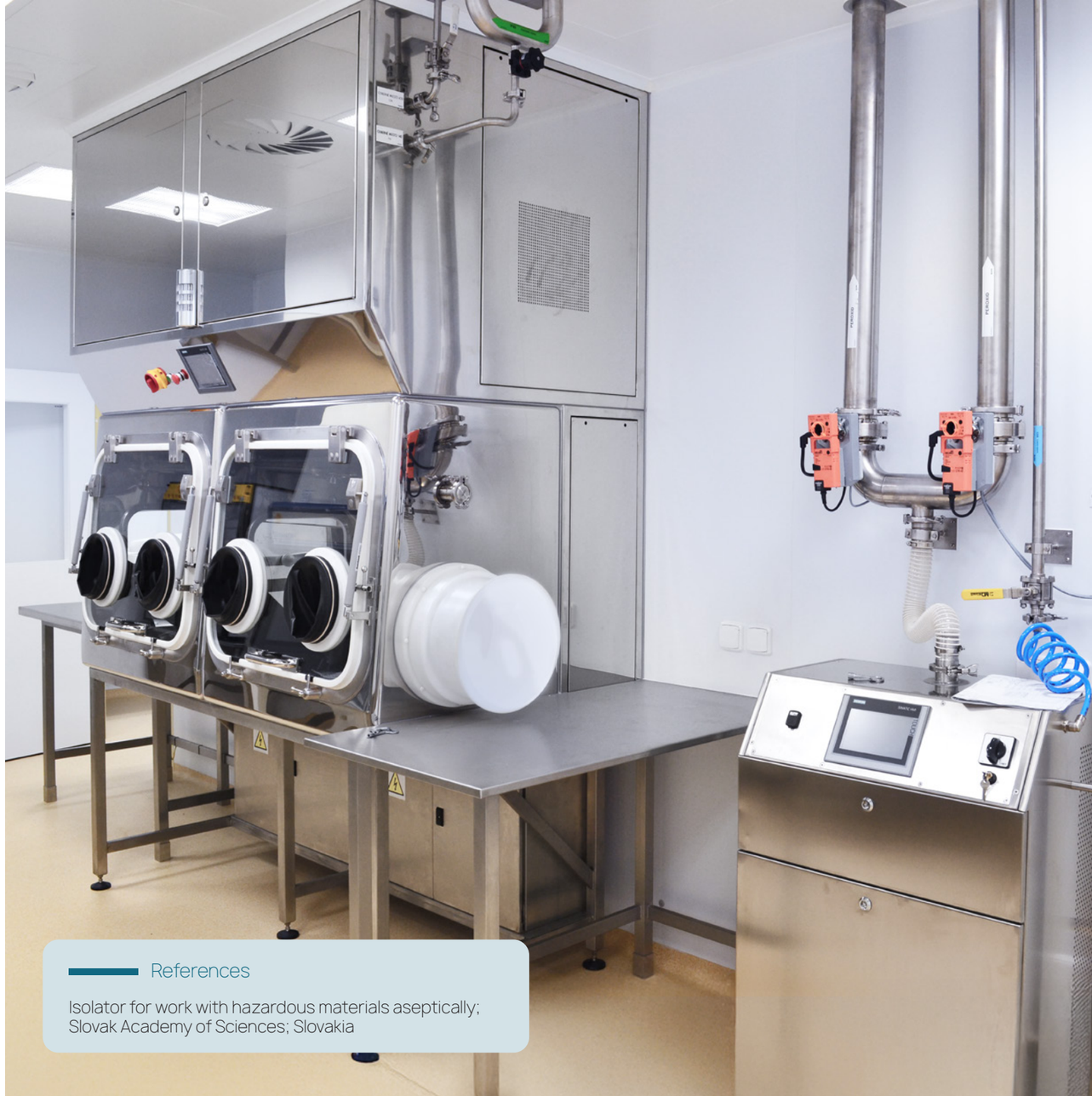






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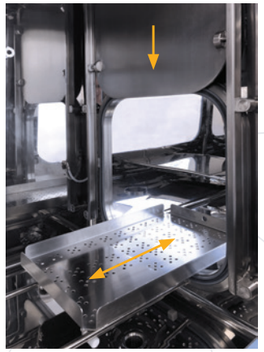
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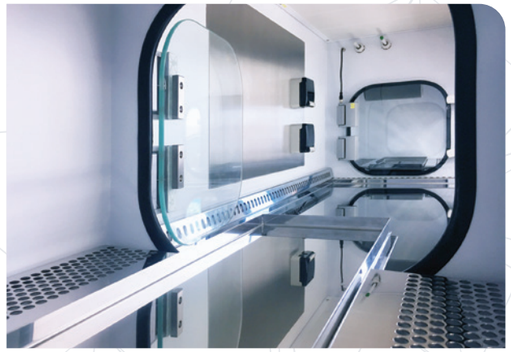


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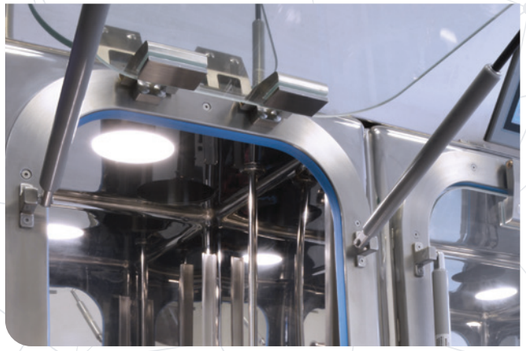


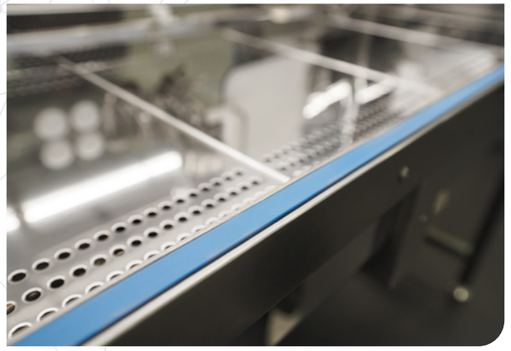












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