



Turnkey Cleanroom Solutions

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Weiss Klimatechnik provides you with system solutions and components for all clean room applications. Weiss systems have successfully proven themselves in locations where clean and constant conditions are required.

The clean room technology business unit of Weiss Klimatechnik covers the entire range of products and services within the field of clean room technology. We implement all kinds of clean room projects for our customers, from the planning phase to turnkey systems.

Our main strengths within the field lie in the clean room appropriate design and implementation of concepts, harmonious collaboration with regard to performance and hand in hand cooperation with regard to installation and commissioning of the systems. This is rounded off by the performance of professional qualification services, a comprehensive range of after sales service and customised GMP training.

Optimal protection of persons, products and processes

Clean room technology is the key element of modern and safe production processes in all areas, within which particularly high demands are placed on product quality and reliability in accordance with the national and international standards and regulations GMP/FDA, ISO 14644, VDI 2083 etc.

This primarily concerns both the protection of products and processes, as well as the protection of involved persons against detrimental effects and contamination. We provide you with individual and innovative solutions in accordance with state of the art technology, for which all relevant norms and regulations are taken into consideration – from laminar-flow benches to turnkey clean room systems.

Know-how in numerous fields of clean room application

- Pharmaceuticals industry
- Chemical industry
- Active agent production
- Genetic and biological engineering
- Laboratories
- Pharmacies
- Medical technology
- Optoelectronics
- Microelectronics
- Micromechanics
- Automotive industry
- Nano-technology
- Foodstuff industry
- Beverage industry

And for all other fields of application, in which a conditioned or controlled and ultra-clean environment is required for critical technologies.



Clean room for micro-electronics

Turnkey clean room technology – world-wide

Weiss Klimatechnik and Weiss Umwelttechnik has been engaged in manufacturing units and systems to create ideal climatic conditions for more than 50 years. The core business of Weiss Klimatechnik includes, among others, integrated climatic systems for all clean room classes and application areas, hygienic air conditioning solutions for all application areas of hospitals, as well as climate conditioning especially for information and telecommunication technology.



Supply air and exhaust air system on an aseptic filling machine

Weiss Klimatechnik is a part of the Schunk Group, an international technology group with a wide spectrum of services in the fields of material engineering and systems engineering. The Schunk Group has a world-wide workforce of over 7,500 employees and is represented in 25 countries with 80 subsidiary companies.



Clean Room System Solutions

- turnkey solutions from one source -

Cleanroom

weiss
technik

Clean Room System Solutions

Laminar-flow benches and units

- Vertical-flow benches for product protection
- Horizontal-flow benches for product protection
- Vertical air circulation in workplaces for user protection
- Fields of application, among others, for filling, sample taking, weighing and assembly tasks



Safety cabinets

- Microbiological safety cabinets of classes I, II, and III
- Zytostatika cabinets
- Fields of application are microbiological and genetic engineering assignments or handling tasks, as well as the manufacturing of aseptic parenteral products with toxic risk potential.



Isolators/RABS

- Isolators in customised applications for protection of persons and/or products in over-pressure and under-pressure operation
- Absolute user protection of the isolator when handling "High Potent Materials"



Personnel material air-lock

- Complete air-lock systems for the separation of clean room zones and controlled build-up of pressure stages
- Material air-locks including ventilation technology and locking systems



Wall, ceiling and floor systems

- Modular wall and ceiling systems in clean room appropriate design
- Lighting systems appropriate for all ceiling systems
- Clean room appropriate special flooring



Filter fan modules

- Implementation of clean room concepts, such as the development of clean room islands or clean workplaces
- Installation and maintenance on clean room or plenum side



Monitoring and qualification

- GMP conform, calibratable measuring systems for acquisition and storage of all relevant parameters
- Complete qualification service



Air conditioning technology and refrigeration technology

- Compact air conditioning units
- Central air conditioning units
- Customer-specific developed special solutions as precision air conditioning systems, climate chambers or mini environments



All from one source

From system advice to complete after sales service

System advice and implementation ✓

We provide you with comprehensive system advice, concept planning and design planning services, right up to the implementation phase. We continue to provide you with support concerning profitability analyses and approval procedures.

Due to the fact that we operate in numerous fields of application, you will be able to profit from our know-how, right from the word "GO".

Qualification and re-qualification ✓

We advise you in all relevant issues regarding qualification and align the content to suit the particular project. We carry out these qualification services and measurements at your location and in close collaboration with you.

Requalification services and hygienic measurements in accordance with VDI 6022 also belong among our range of services.

System solutions and products ✓

Within our world-wide production plants, we develop and produce systems and components, as well as customised special solutions.

In addition to this, we also integrate products made by other providers for turnkey system solutions. We work in a close partnership with our suppliers both in national and international networks.

Installation and commissioning ✓

We supervise projects all around the world. Together with our partners, we guarantee top-quality installation and supervisory operations.

Specially trained professionals are provided to perform demanding commissioning tasks and particle and classification measurements within the field of clean room technology.

Training ✓

With regard to training, we provide professional advanced training courses for air conditioning technology, clean room technology and clean room behaviour.

World-wide after sales service ✓

Our after sales service includes spare part management, consignment stores and maintenance.



Passionately innovative.

We work in partnership to support companies in research, development, production and quality assurance. With 22 companies in 15 countries at 40 locations.

weisstechnik

Test it. Heat it. Cool it.



Environmental Simulation

The first choice for engineers and researchers for innovative, safe environmental simulation facilities. In fast motion, our test systems can simulate all the influences in the world as well as for instance in space. In temperature, climate, corrosion, dust or combined stress tests. With a very high degree of reproducibility and precision.



Heat Technology

Experienced engineers and designers develop, plan and produce high-quality, reliable heat technology systems for a broad range of applications from heating and drying cabinets to microwave systems and industrial furnaces.



Climate Technology, Air Dehumidification, Clean Rooms

As the leading provider of clean rooms, climate technology and air dehumidification, we consistently ensure optimal climatic conditions for people and machines. For industrial production processes, in hospitals, mobile operation tents or in the field of information and telecommunications technology. From project planning to implementation.



Clean Air and Containment Systems

With decades of experience and know-how, we guarantee the most sophisticated clean air and containment solutions. Our comprehensive and innovative range of products includes barrier systems, laminar flow systems, safety workbenches, isolators and airlocks.

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