



Measuring Rooms and Air Conditioning ultraconstant

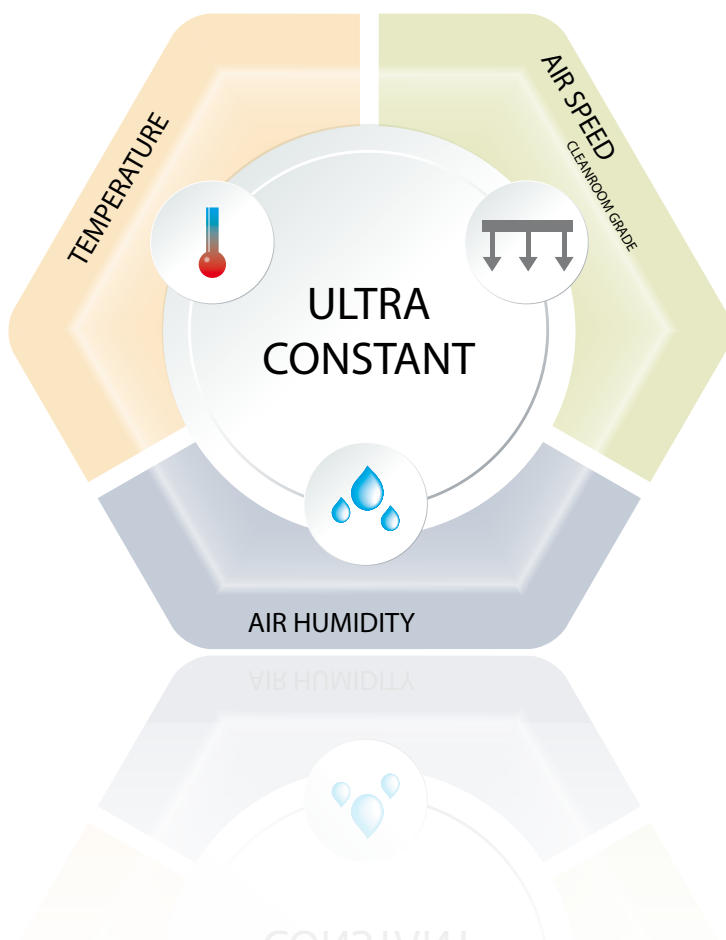
The basis for precision

Stable conditions and reliable results in your measuring and manufacturing area

High precision measuring instruments are vital tools in modern manufacturing processes. However, measurements are only reliable and trustworthy if they are made in consistent and stable conditions.

The most important parameters are temperature, air humidity, air speed and air purity. These values are defined in VDI/VDE 2627 and must be recorded in every measuring room.

No other company keeps measuring room conditions more stable than Weiss Klimatechnik. For over 50 years. The more consistent the conditions in the measuring room are, the more reliable and trustworthy the measurements for each component will be - this is true across the board for measuring rooms of grades 1 through 5.



Perfectly matched

Temperature, humidity, air speed and air purity are an important part of getting the best possible measurements.



Tailored planning and expert realisation

Measuring rooms are an essential part of quality assurance in production processes. Weiss Klimatechnik plans and builds customised measuring rooms in accordance with VDI/VDE 2627.

We provide support in every phase of your project - from the planning stage through to the acceptance test and training for staff. Service is part of the package.

We have customers in almost every industry and field - including optics, optoelectronics, laser laboratories, microelectronics, automobiles and nanotechnology through to the food industry, biotechnology, pharmaceutical companies, laboratories and pharmacies.

The guaranteed way to get a perfect measurement

Weiss Klimatechnik: a global one-stop shop.

Are you looking for a tailored solution for a measuring room project? Do you want the right devices and systems to optimise your manufacturing processes? To put it briefly, are you planning to install high quality measuring room features without sacrificing cost efficiency?

■ Advice and project design

Weiss Klimatechnik will support your project from beginning to end.

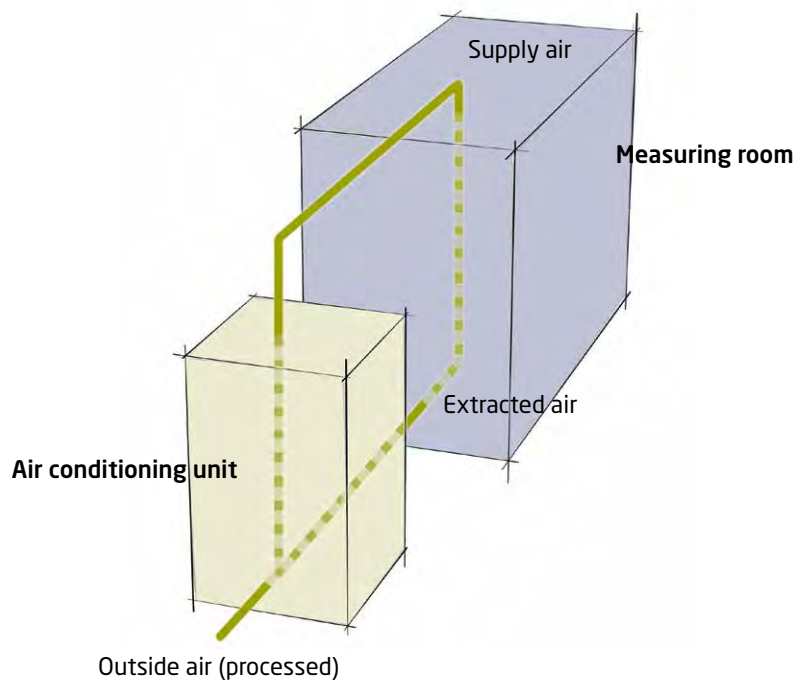
Weiss Technik is DIN EN ISO 9001 and DIN EN ISO/IEC 17025 certified for moisture and temperature calibration.

■ Manufacturing and installation

Weiss Klimatechnik's highly qualified and experienced employees are part of a global service network. All of them use cutting edge technologies to create your measuring room, including perfect calibration.

■ Training and maintenance

Weiss Klimatechnik never abandons its customers: we believe in personal contact and close relationships.



Future-proof

Weiss combines decades of experience in device and system construction projects and process measuring and control technology with cutting edge software architecture on the foundation of future-proof, open hardware.

Measuring room components and systems for every environment

The world of Weiss Klimatechnik.

No matter whether it's a free-standing or integrated measuring room that you want - our experts at Weiss Klimatechnik will draw up the most efficient solution for you and your needs.

■ Precision air conditioning

This compact solution guarantees highly stable and pure environmental conditions, making it suitable for high-spec measuring rooms and cleanrooms. They are used around the world for process air conditioning.

■ Mini environments

Weiss Klimatechnik air conditioning systems are the ideal solution when you need measuring room and cleanroom conditions for precise and high purity processes. They meet the most demanding cleanroom technology requirements and keep ambient conditions stable (temperature fluctuation ± 0.05 K, humidity fluctuation $\pm 1\%$ relative humidity).

■ Filter fan units and laminar flow systems

Filter fan units and laminar flow systems can be used to implement a range of cleanroom concepts. Filter fan units are used in laser laboratories and other facilities to supply large cleanrooms and create cleanroom islands or clean workplaces. Laminar flow systems keep temperature fluctuations within ± 0.2 K while guaranteeing a set air speed and minimising particles in the air.

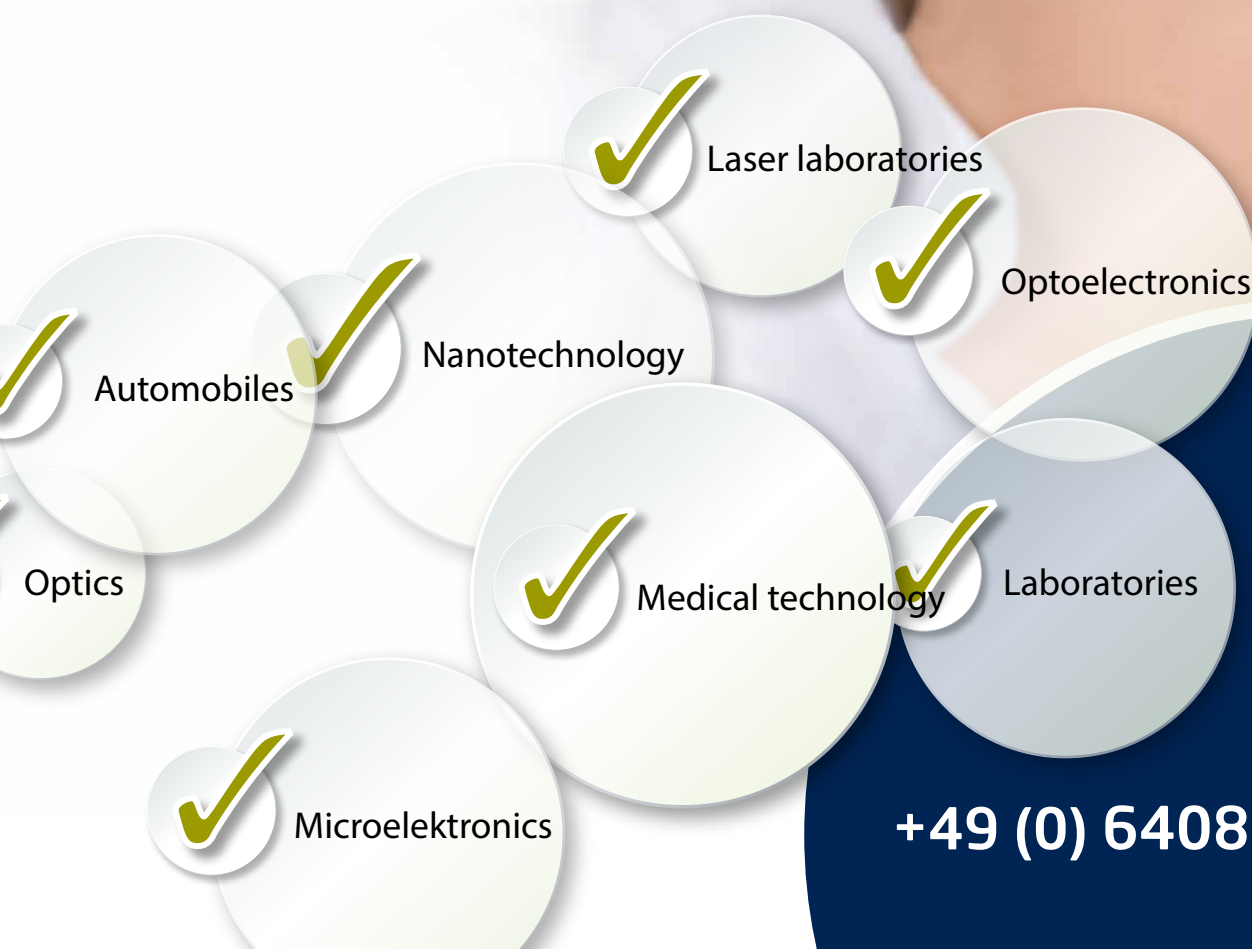
Universal, reliable, compact

From its precision air conditioning units to its mini-environments, components and systems from Weiss feature innovative technology and impressively compact designs.



Satisfied customers

Weiss Klimatechnik has had decades of success in the fields of cleanroom air conditioning, hygienic air conditioning, air conditioning solutions for data and telecommunications and air conditioning for offices and conference centres.



Your direct line:

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Customised by Weiss Klimatechnik

Weiss Klimatechnik is one of the world's leading specialists in system solutions and components for measuring room applications. Industrial companies and laboratories around the world rely on the expert advice, planning, design and implementation expertise and service that Weiss Klimatechnik offers.

Capable, committed to partnerships and sound: Weiss Klimatechnik can draw on decades of development and practical experience to provide you with advice and monitor and implement your measuring room project from the get-go.

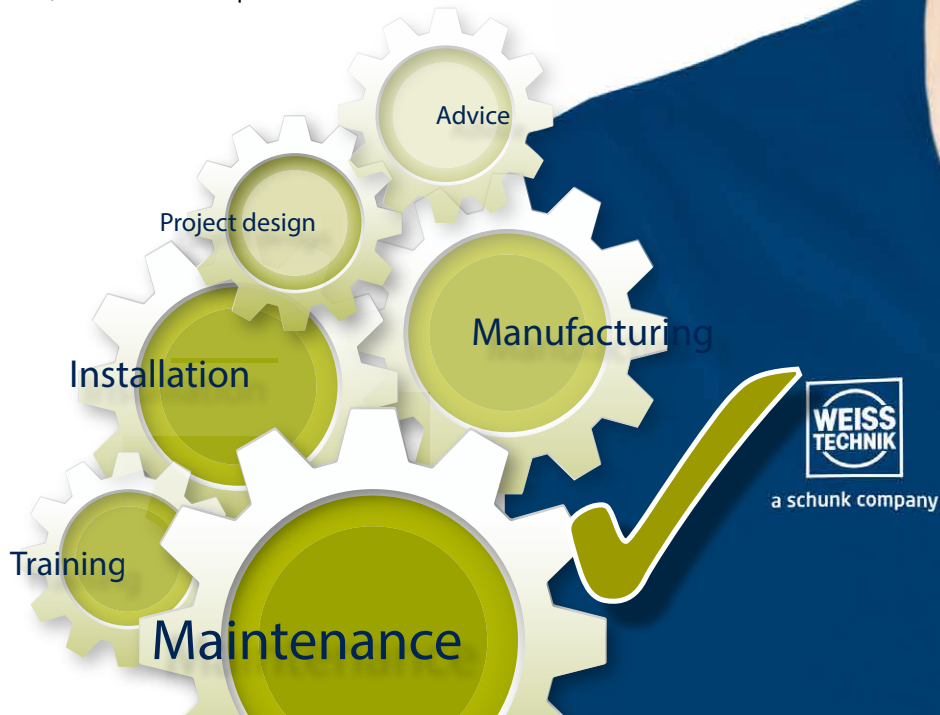
Thanks to its experienced specialists, Weiss Klimatechnik is a **one stop shop** for planning, design, realisation and 24/7 service.

Perfection made to order: from system solutions to components. Weiss Klimatechnik provides optimal measuring room conditions tailored to the customer's requirements.

Cost-efficient: Weiss Klimatechnik's compact devices save our customers valuable space and expensive energy.

Weiss Klimatechnik provides systems, air conditioning devices and process technology to help companies **around the world** to optimise their production processes.

Weiss Klimatechnik has customers in almost every industrial sector: from optics, optoelectronics, laser laboratories, microelectronics, automobiles and nanotechnology through to the food industry, biotechnology, pharmaceutical companies, laboratories and pharmacies.



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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