

*High-Tech for
pure production*



CLEANROOMS & LABORATORIES



PURE MEDIA TECHNOLOGY

www.rom-technik.de

A leader in Technical Building Equipment

From individual services to the entire system

ROM Technik offers its customers the entire spectrum of building technology from a single source and locally throughout Germany.

ROM Technik stands for competence in planning, construction and maintenance of Technical Building Equipment (TBE). More than 2,000 employees ensure that people can live and work optimally in modern building complexes, such as industrial halls, office buildings, research facilities or cleanrooms.

With our extensive expertise, we can support our customers for their projects in all trades with respect to Technical Building Equipment, whether for partial orders or the entire TBE.



Service & FM



Electrical



Mechanical



Building automation

Our competencies at a glance

Bundled expertise for your projects

Our specialists are competent in your profession and speak your language. This is how we ensure optimal project execution for you. Together with you, we develop solutions that make your building or facility more efficient.



Cleanrooms & Laboratories



Pure Media Technology



Automation Technology



Research & Development



Building Automation



Industrial Air Technology



Communication & Security Technology



Control Centre & Security Technology



Power Supply

Efficient solutions for every cleanroom requirement

Clean work down to the smallest detail

For more than 30 years at the ROM Competence Centre Cleanrooms & Laboratories, we have been developing and implementing innovative cleanroom solutions for research and production worldwide, with a focus on the pharmaceutical and biotechnology, medical technology, optics and semiconductor industries.

We are the specialist for complete new buildings and effective conversions of your production facilities and laboratories. As a large technical building equipment supplier, we provide complete cleanrooms including the entire peripheral infrastructure.

Our comprehensive range of services includes cleanroom and ultra-pure media technology, the electrotechnical infrastructure, heating and cooling technology as well as automation and control technology, fire protection and monitoring systems.

We offer everything from one source, so our customers benefit from optimised investment and operating costs through minimal interfaces and precise coordination of the individual trades.

Our strength in innovation is based on our own research and development. This enables us to deliver tailor-made products and solutions for all cleanroom applications.

Our customers appreciate the high level of service in cooperation with our specialised team of experienced scientists, engineers and technicians.

Our range of services

- Design and execution in all cleanroom classes (ISO 1-9 / GMP A-D / BSL S1-S4)
- Turn-key project execution
- Project management for turn-key projects
- In-house product development for FFU, cleanroom ceiling and air shower systems
- Cleanroom shell (ceiling, wall, floor)
- Room air systems with associated process exhaust air and instrumentation and control technology
- Modular cleanrooms, cleanroom systems and monitoring systems
- Complete range of services for technical building equipment
- Ultra-pure media systems (ultra-pure gases, pressure, and water, along with process supply systems)
- Validation and qualification
- Operation and maintenance of facilities



Pharmaceutical cleanrooms provided by ROM



Microelectronics cleanrooms provided by ROM



Customised media systems

Precise media supply for efficient production

The ROM Competence Centre Pure Media Technology combines the expertise of state-of-the-art building technology with a special know-how for meeting the requirements of working with ultra-pure media systems.

We take industry-wide expertise, years of experience and qualified employees into every project, along with market-leading technology and our demand for precision.

We ensure that all areas of work are always reliably supplied with the necessary media, such as ultra-pure gases or water, in exactly the desired quality. This includes their precise measurement and control.

In addition, we take care of the legally prescribed disposal of consumables. State-of-the-art equipment, cleanroom component construction from our own production and by committed employees, guarantee the high quality our customers are accustomed to.

With consistent training, we ensure our specialists meet the highest expectations of our customers at all times – and even exceed them.

Our range of services

Installation of media supply systems:

- Media supply systems
- Ultra-pure compressed air, ultra-pure gas, and process gas systems
- Basic vacuum and process vacuum systems
- VE and ultra-pure water systems
- Chemicals, slurry systems
- Wastewater, chemical disposal systems

Production and manufacturing in our own cleanrooms:

- Series production of small, medium and large series
- OEM assemblies and components
- Sample parts and prototype construction
- Installation under cleanroom conditions (cleanrooms ISO 3-5 / grey rooms ISO 6-8)
- Pressure test, humidity measurement, particle measurement and helium leak test
- 3-D gas piping
- Component panels for gases, liquids
- Pressure control panels for gases and liquids
- Double-pipe liquid pipes



Ultra-pure media supply and disposal provided by ROM

ROM has its own cleanroom production and component construction

This is what customer satisfaction looks like

Successful projects provide the best evidence of our competence



Danfoss Silicon Power GmbH

Expansion of a cleanroom production building



Max Planck Gesellschaft

New construction for the Solar System Research Institute



Merck Serono SA

Expansion of a biotech production facility



Münzing Chemie GmbH

New construction for an administration & technology centre



Robert Bosch GmbH

Extension of a wafer fab



SUSS MicroOptics SA

New construction for a production cleanroom



UCB Farchim SA

New construction for a biotechnology production building



University Hospital of Düsseldorf

Turn-key construction of a GMP pharmacy



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