

YOUR LABORATORY MADE TO MEASURE

LABORATORY FURNITURE AND EQUIPMENT

PLANNING, ASSEMBLY, OPERATION

TH.GEYER
SUPPLYING YOUR IDEAS

YOUR PARTNER FOR

Laboratory expansion
Laboratory modernisation
New laboratory building

EVERYTHING FROM ONE SOURCE FOR YOUR LABORATORY OF THE FUTURE

For over 130 years, Th. Geyer has ensured that laboratory experts have everything they need for their demanding tasks at all times: Consumables, equipment, chemicals and life science products. As a full-service provider, we not only optimise the purchase of laboratory supplies. Our service portfolio also includes customised planning and optimal furnishing to create a modern and sustainable laboratory environment for our customers.

Whether you want to install new energy-efficient fume cupboards or build a new laboratory: We have the right, individual solution for each of your ideas from one source. We rely on our own team of experts, cooperate with experienced partners and offer you access to the portfolio of the best manufacturers. This means you are always on the safe side when it comes to quality, cost-effectiveness and sustainability in your laboratory of the future.



OUR SOLUTION

CONSULTING & PLANNING

Our experts combine your individual requirements with the latest components for safe and efficient work processes. We consider the economical and ecological aspects of your laboratory. Do you prefer laboratory equipment based on wood or a steel-based system laboratory from Köttermann, which stands for longer life cycles thanks to its special recyclability? Our team will be happy to support you in this important decision.

Whether it's an extension or a complete new build: a tailor-made plan is created in compliance with all requirements for rooms, technology and occupational health and safety. We use CAD software to visualise your laboratory right from the start.

DELIVERY & ASSEMBLY

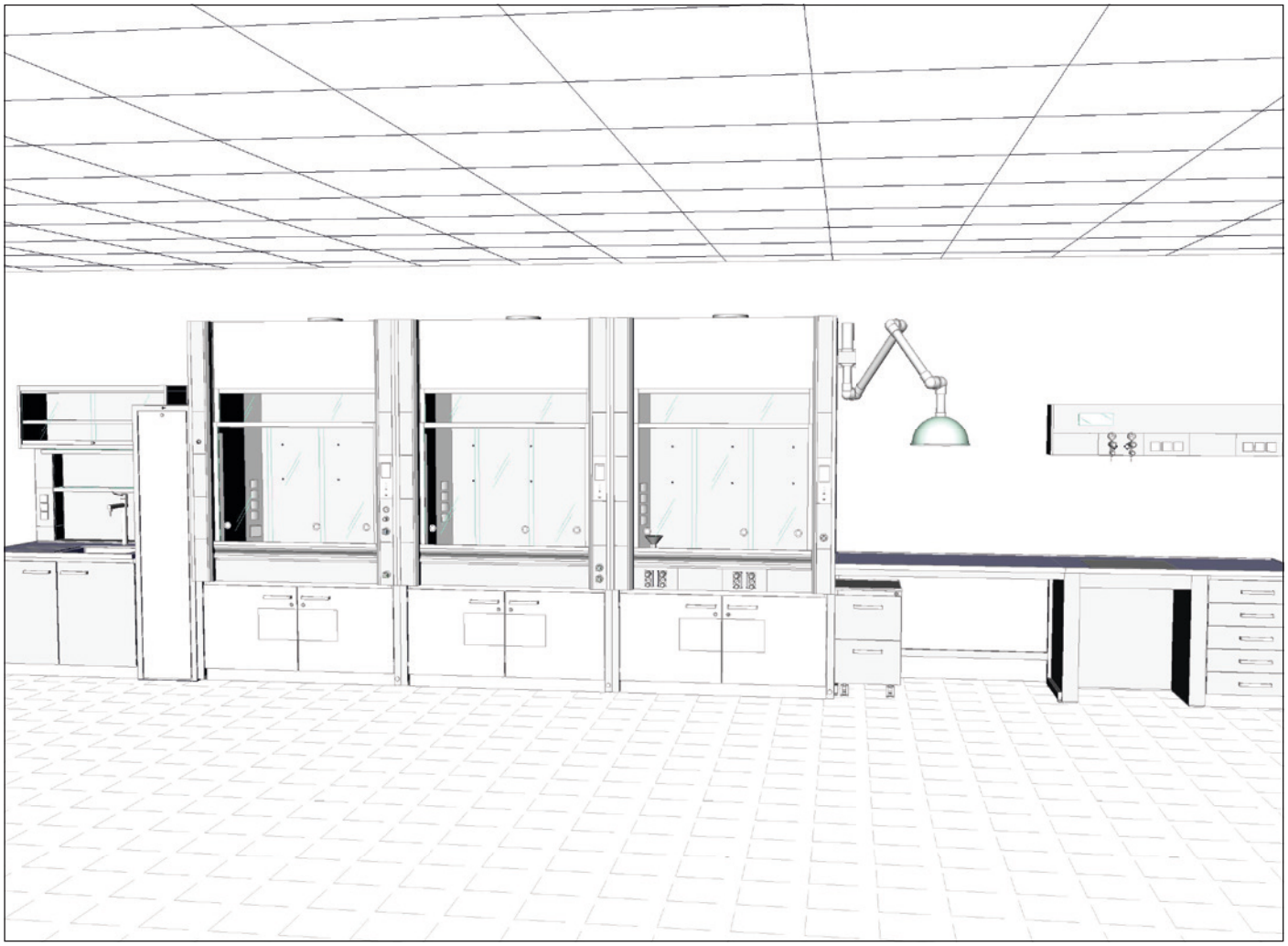
Detailed planning includes supply lines and transfer points for media. We take the existing technical infrastructure into account and identify optimisation potential, for example to reduce energy consumption.

Delivery and installation are carried out to suit the room concept and on your desired date. Modernisation of existing laboratories can be carried out on request in such a way that ongoing operations are affected as little as possible. If required, we can also provide you with mobile container solutions.

We coordinate the assembly of the equipment, the installation of peripheral devices and are personally available to you at all times. In this way, we ensure the quality, the agreed budget and the schedule until your individual laboratory is ready.

COMMISSIONING & SERVICE

On the agreed date, we hand over your new or modernised laboratory and put the laboratory equipment into operation. To ensure that you can always rely on your new furniture and appliances to function perfectly, we offer you regular maintenance and calibration services.



WELL ADVISED AND LOOKED AFTER WITH CERTAINTY

If you need a laboratory chair or a transport trolley, we have the right solution for you, as well as for your complex project to expand, modernise or develop your new laboratory.

On the following pages, we present an excerpt from our delivery and service portfolio, introduce you to well-known manufacturers and interesting products, and show you reference projects that started with an idea from our customers.

- Complete furnishing systems
- Deductions
- Exhaust air scrubber
- Safety cabinets
- Individual laboratory furniture
- Mobile laboratory containers
- Laboratory equipment
- Laboratory consumables
- Laboratory chemicals and reagents
- Life Science Products

Would you like a non-binding consultation or a specific offer?
Just send an e-mail to **laboreinrichtungen@thgeyer.de**.
Our experts look forward to supporting you in all aspects of your laboratory of the future.



WHAT IS THE LABORATORY OF THE FUTURE?

Scientists and manufacturers are constantly working on innovations to create the laboratory of the future. Key concepts here are increasing networking, learning from big data and stronger interaction between man and machine.

At Th. Geyer, we see the path to the laboratory of the future as a dynamic process. Our experts know the market and product developments. We rely on high-quality products and systems that offer maximum flexibility and can be adapted to your individual requirements at any time.

You can make your laboratory fit for optimised and integrated processes with individual conversion and expansion measures. That's why we work with you to analyse

- the specific tasks and test procedures in your laboratory
- the conditions under which the activities are carried out
- the work processes that are currently causing problems and need to be optimised
- the structural conditions, e.g. for supply points and necessary installations



KÖTTERMANN EXPLORIS® LABORATORY SYSTEM

Quality, safety, flexibility: these are three decisive criteria for Th. Geyer when it comes to product selection and service for our customers.
This is why Köttermann laboratory equipment fits perfectly with our claim to offer optimum, safe and future-oriented solutions for your ideas.

FLEXIBILITY, WHERE THE MEASURE OF ALL THINGS IS THE HUMAN BEING IN THE LABORATORY

The EXPLORIS® concept from Köttermann is based on the realisation that work requirements in the laboratory are constantly changing, as are the needs of the people who work there. The EXPLORIS® laboratory system allows maximum flexibility to adapt to these changes.

- Continuous further developments and innovations
- Highest quality and material standards
- Attractive, harmonious design
- Ergonomics that harmonise work and anatomy
- Safety as the top priority

Köttermann

Köttermann
CERTIFIED PARTNER

SUSTAINABILITY AND FUNCTIONALITY

Köttermann is constantly developing the EXPLORIS® product line. Aspects such as energy efficiency and sustainable, environmentally conscious working are just as much a focus as optimum and safe operability. Here we show you innovative examples from the comprehensive EXPLORIS® range:

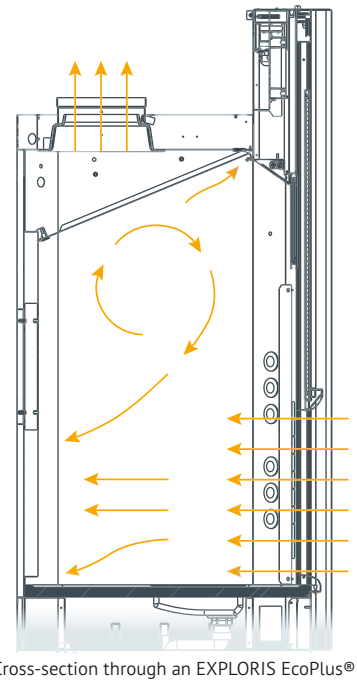
EXPLORIS® ECOPLUS LOW ENERGY DEDUCTION

The EXPLORIS® EcoPlus low-energy fume cupboard impresses with its safety and economy.

- Certified to DIN EN 14175 (T2 and T3) by an independent testing institute. In demanding tests, the fume cupboards have to prove that they effectively retain harmful gases even under disruptive influences
- Effective protection with exemplary low air consumption: The EcoPlus falls below the strict limit values of the BG RCI with a volume flow of only 250 m^3/h per running meter of extraction front
- Intelligent safety thanks to flow-optimised geometry of the fume cupboard interior - instead of complex support beam technology
- Consumption of extensively conditioned air in the laboratory reduced by up to 30 % compared to conventional fume cupboards
- Energy-saving and environmentally friendly: Reduces operating costs per fume cupboard by up to 1,000 € per year
- Further savings potential through optimised ventilation systems: Save up to 20 % additional investment costs through smaller pipe cross-sections and smaller fans

REDUCES OPERATING COSTS BY UP TO 30 %





Cross-section through an EXPLORIS EcoPlus®

LABOR FURNITURE

With the EXPLORIS® product line from Köttermann, you can choose from a wide range of laboratory furniture for every need. All products guarantee maximum flexibility and enable you to work efficiently. Workbenches with cabinets and table tops form the core element of your laboratory. Additional basins or sinks, media and accessories connect the individual elements to form a complete unit.

- Base units
- Tall units
- Wall and top cabinets
- Racks
- Tables and table tops
- Basins and sinks



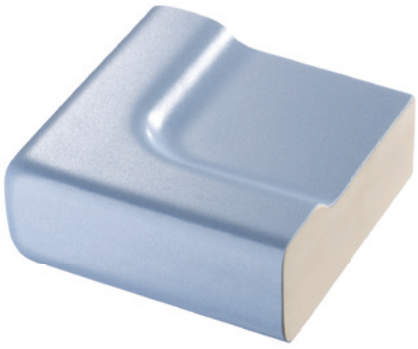




BENCHTOPS

The requirements for the benchtops are just as varied as the work in the laboratory. For example, ceramic benchtops are best suited for working with aggressive acids, stainless steel benchtops should be used for biological work and melamine benchtops are very suitable for lower chemical loads. Benchtops are also available in octagonal shapes for ergonomic working and optimum utilisation of the laboratory space. Last but not least, the harmonious colour coordination of benchtops and furniture should be considered, as it not only looks good, but also creates a creative working atmosphere.

- Different materials for every application
- With and without edge bead for collecting spilled liquids
- Versatile design options thanks to rectangular and octagonal shapes
- Harmoniously coordinated colours



Baltic Blue



Grey



White

OFFICE AND EVALUATION

Workstations where writing work is carried out. Benchtops without edge beading with sufficient scratch resistance.

WET CHEMISTRY

Workplaces where large quantities of chemicals are handled. Benchtops with edge beading with very high chemical resistance.

DEVICE WORKSTATIONS

Workstations where analytical equipment and small quantities of chemicals are used. Benchtops without beaded edges with good chemical resistance.

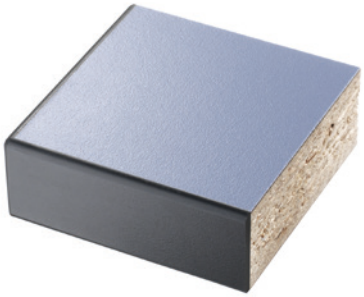
BIOLOGY/LIFE SCIENCE

Workstations with special hygiene requirements and moderate exposure to chemicals. Low-joint benchtops with good chemical resistance.

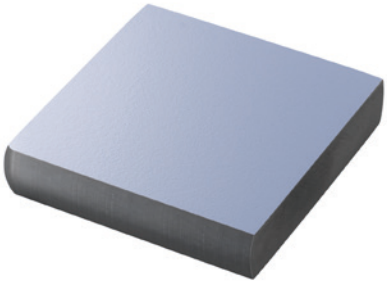
MELAMINE STANDARD



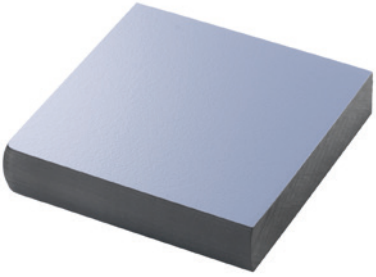
MELAMINE TOPRESIST®



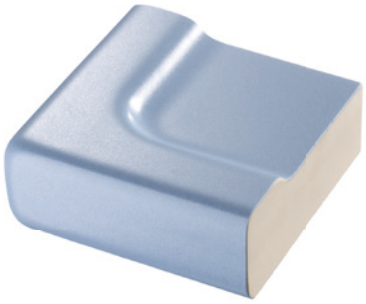
TRESPA® TOPLAB®BASE



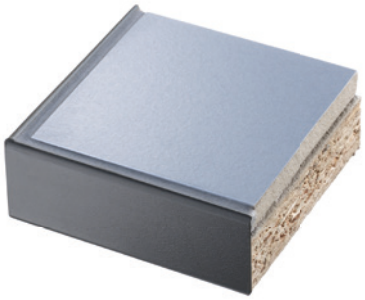
TRESPA® TOPLAB®PLUS



FULL CERAMICS



CONNECTED CERAMICS



GLASS



POLYPROPYLENE



EPOXI RESIN (EPOXY)



STAINLESS STEEL



well suited

limited suitability

Köttermann
CERTIFIED PARTNER

CONVINCING ADVANTAGES FOR YOU

As a Köttermann Certified Partner, Th. Geyer offers you all the advantages of the EXPLORIS® product line from Köttermann when designing and setting up your laboratory.



QUALITY

The steel material is robust, hygienic, has a reduced fire load and is durable. The surfaces have a light-resistant coating to prevent colour deviations caused by UV radiation, allowing the laboratory equipment to be easily added to even after many years.

SAFETY

Safety storage cabinets with FWF-90 technology provide particularly effective protection against fire for flammable hazardous substances. In the fume cupboard area, the standard EXPLORIS AutoProtect® sash controller ensures automatic closing.

FLEXIBILITY

Media is supplied via cassettes, which can be fitted, replaced or retrofitted as required.

DESIGN

An internationally renowned design office is involved in the development. This is because the employees in the laboratory feel comfortable in a harmonious, appealing ambience. The colours are therefore subtle and perfectly coordinated.

ERGONOMICS

Work and anatomy are brought into harmony so that employees remain healthy and productive. A fume cupboard with a back-friendly, electrically height-adjustable benchtop is also available.

INNOVATION

Innovation and sustainability are inextricably linked at Köttermann. This starts with resource-saving production and extends to economical operation in your laboratory. One example of this is the particularly environmentally friendly EXPLORIS® EcoPlus low-energy fume cupboard.

Would you like a non-binding consultation or a concrete offer?
Just send an e-mail to **laboreinrichtungen@thgeyer.de**


Köttermann
90
DIN EN 14470-1
CE

LABORATORY CHAIRS

Ergonomic, flexible, hygienic - there is hardly any other work area where the demands on chairs are as high as in the laboratory:

Laboratory chairs must be adapted to the typical body postures in the laboratory - for example, sitting in a forward-leaning position when using a microscope. The chair settings must also be flexible and functional to ensure proper support and an ergonomic posture during the various activities in the laboratory.
The high hygiene demands in the laboratory also require washable and disinfectant-resistant materials and an easy-to-clean design.

REQUIREMENTS FOR A LABORATORY CHAIR

- Ergonomic
- Easily adjustable
- Comfortable
- Disinfectable
- Washable
- Seamless

DEPENDING ON THE APPLICATION ALSO

- GMP-compliant
- Clean room suitable

Th. Geyer offers a very wide range of laboratory chairs, stools and standing aids from leading manufacturers such as Bimos. We will be happy to advise you on choosing the right products for you.



Laboratory chair from the Bimos Neon series



Photo: New laboratory
Medical School Hamburg



Photo: New urban
Stadtentwässerung Schweinfurt

TOP EQUIPMENT FOR YOUR LABORATORY

We not only set up your laboratory with the right furniture to meet your requirements. We can also provide all the equipment you need for your specific needs. The portfolio is complemented by services such as calibration and maintenance. Here are a few examples of the top brands and high quality products supplied by Th. Geyer:

asecos®

Planning your laboratory includes a sustainable storage concept for flammable chemicals or pressurised gas cylinders. Asecos is the world's leading manufacturer of safety storage cabinets in accordance with European standard DIN EN 14470 Part 1 and Part 2.

- Safety cabinets for the storage of hazardous materials
- Gas cylinder cabinets

BINDER
Best conditions for your success

As a long-standing partner of BINDER, we offer you the entire product range, including CO_2 incubators, cooling incubators, climate chambers, material test chambers, drying and heating chambers. With us, you always have early access to the latest new products and innovations.

- Constant climate cabinets
- Drying cabinets
- Heating cabinets

JOH. MÜLLER
KUNSTSTOFF GMBH

The company, based in Hennef-Bierth, produces customised plastic laboratory technology with outstanding corrosion and chemical resistance exclusively in Germany. This includes high-performance laboratory exhaust air scrubbers in horizontal and vertical designs.

- Exhaust air scrubber



Asecos



Binder



Joh. Müller

With precise electronics and temperature settings accurate to the degree, laboratory appliances from Liebherr ensure excellent temperature consistency. Numerous functions and features ensure that sensitive substances, chemicals and research materials are stored in the best possible conditions.

- Laboratory refrigerators
- Laboratory freezers

With over 90 years of experience, Memmert develops and produces climate chambers and waterbaths for a wide range of laboratory applications at two locations in southern Germany and is one of the leading suppliers of temperature control ovens for use in laboratories.

- Climate cabinets
- Drying cabinets
- Incubators

Miele Professional appliances are specially developed by engineers for demanding laboratory use. The carefully selected components are mainly manufactured in Germany and Europe.

- Cleaning machines
- Disinfection machines
- Laboratory dishwashers



Liebherr



Memmert



Miele

OCCUPATIONAL HEALTH AND SAFETY TECHNOLOGY

For Th. Geyer, the protection of people and the environment is at the heart of the planning of all measures in your laboratory. We adhere to the strict regulations and requirements such as BGR120.

The measure of all things in the laboratory is the person, who is exposed to a variety of sources of danger during work. That's why we can equip you with all personal protective equipment (PPE) products that meet the highest standards of occupational health and safety. Here are a few examples from our comprehensive range.

> Intelligently designed equipment and furniture arrangements are geared towards the very specific work processes in your laboratory - this is the decisive basis for safety.



EYE PROTECTION
LABSOLUTE® Safety goggles, eye emergency stations, eye showers

BREATHING PROTECTION
Respiratory masks, full face masks and breathing filters

CHEMICAL BINDERS
CHEMSOLUTE® Sorb, chemical binding fleece

FIRE PROTECTION
Powder extinguishers, fire blankets

EAR PROTECTION
Earplugs, ear muffs



GLOVES
LABSOLUTE® disposable gloves, heat or chemical protective gloves

SKIN PROTECTION, SKIN CARE, DISINFECTION
LABSOLUTE® Skin Care and other products from many brands

PROTECTIVE CLOTHING
Lab coat, overall and sleeve protectors from LABSOLUTE®, work and chemical apron

SAFETY LABELS AND SIGNS
LABSOLUTE® GHS labels, prohibition and mandatory signs

ASSOCIATION BOXES
First aid kits, first aid cabinets

THE STRONG TRIO FOR YOUR LABORATORY
THE TH. GEYER BRANDS

BIOSOLUTE® CHEMSOLUTE® LABSOLUTE®

You already know that at Th. Geyer you have access to the best manufacturers and brands from a single source. But we have even more to offer: Our strong trio of brands offers interesting alternatives for laboratory purchasing when it comes to Life Science products, laboratory chemicals and consumables. This portfolio already includes more than 5,000 items and is being continuously expanded.

BIOSOLUTE®

The brand with articles specially tailored to your requirements in the Life Science laboratory
- Products from microbiology, molecular biology, cell culture and histology
- Consistently high quality, attractive prices and reliable availability
- Innovative solutions, e.g. customised articles

CHEMSOLUTE®

CHEMSOLUTE® chemicals and reagents are suitable for laboratory use
- A large selection meets the requirements of Ph. Eur., ACS or ISO standards
- Maximum safety in labeling, packaging and transport
- Supplied with detailed specifications

LABSOLUTE®

With consumables from LABSOLUTE® you are on the safe side in the laboratory
- Manufactured under strict conditions and regular quality controls
- Wide selection for every general or special laboratory requirement
- Top quality at an attractive price, also for vials & caps for chromatography

EVERYTHING FROM ONE SOURCE FOR YOUR LABORATORY

Our brand trio is part of our portfolio with around 2 million items from more than 1,100 manufacturers and brands. This leaves nothing to be desired when it comes to your laboratory requirements: laboratory consumables, laboratory equipment, Life Science products - you will find everything at Th. Geyer. Of course, this also applies if you want to order chemicals.





ACCESS TO OVER 1,100 MANUFACTURERS AND BRANDS

Scan directly and select a manufacturer

TH. GEYER REFERENCE PROJECTS

Numerous companies, universities, clinics and private and public research and scientific institutes rely on the many years of experience, distinctive service orientation and personal, individual support provided by our competent team. They know that with us as a partner, they can concentrate on their core tasks in research, analysis and development.

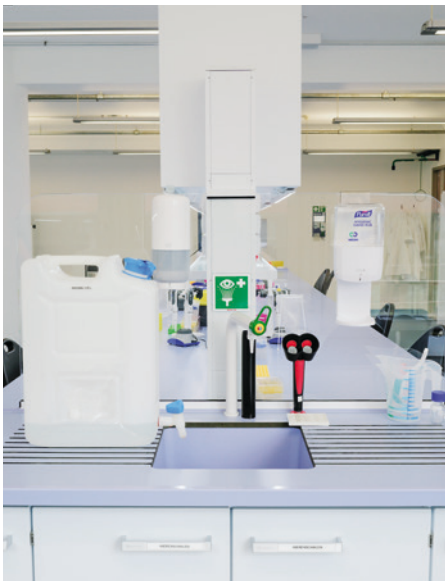


LKS MBH - AGRICULTURAL INVESTIGATION

LKS mbH - Landwirtschaftliche Kommunikations- und Servicegesellschaft mbH - was founded in 2002 and is based in Niederwiesa-Lichtenwalde, Saxony. Its core business is the analysis of animal feed, soil samples, metabolic samples and bacteriological milk testing. The aim is to provide comprehensive advice to farmers, starting with the relevant soil analyses, through to feeding and animal health.
A new laboratory building was occupied in January 2023. Furthermore, the previous laboratory was converted and modernised. A usable area of 800 square metres has been created here on three levels with ultra-modern, light-flooded and economically optimised workplaces. This is the basis for a successful future, which LKS mbH also sees outside of agricultural analysis.
The future designers at Th. Geyer have contributed to this with successful, strongly process-oriented planning.

MEDICAL SCHOOL HAMBURG

The Medical School Hamburg (MSH) - University of Applied Sciences and Medical University, is a private university. It is located in the heart of Hamburg's HafenCity, with a view of the Elbphilharmonie concert hall, the Elbe, the harbor and the Speicherstadt warehouse district. The university opened its doors in 2010.
State-of-the-art research labs, including teaching labs for chemistry and biochemistry as well as multi-labs, offer students the best conditions for research and application.
Th. Geyer was commissioned to integrate the laboratory equipment into the 550 square meters of usable space, which is spread over two levels in the architecturally sophisticated building. The project started in fall 2020, under difficult conditions in the middle of the corona pandemic. With our expertise and solutions, we have contributed to MSH having an excellently equipped research center since its completion in spring 2021.





STADTENTWÄSSERUNG SCHWEINFURT



Since 1996, Stadtentwässerung Schweinfurt has been performing the following sovereign tasks as an in-house operation of the city of Schweinfurt within the framework of the municipal code and the corresponding bylaws: collection, harmless discharge and treatment of rainwater and wastewater in the area of the city of Schweinfurt, including sewage sludge recycling and disposal.
The new laboratory building was completed in September 2023. The planning and construction management were carried out by the engineering firm Miller from Nuremberg. Th. Geyer was awarded the contract for the complete laboratory equipment. The task was to equip a total usable area of 465 square meters on one level with a strongly process-oriented planning. Th. Geyer's team of experts successfully met this challenge. The new laboratory has been in operation since its inauguration by the Mayor of Schweinfurt in September 2023.



IFP INSTITUTE FOR PRODUCT QUALITY

Founded in 2004, the ifp Institute for Product Quality is an independent competence center for the analysis of food, drinking water and pharmaceuticals. It offers testing of food and pharmaceutical products.
The renowned institute moved into its new laboratory and competence center for food safety in the Berlin-Adlershof Science and Technology Park. Th. Geyer was commissioned with the planning and installation of the complete laboratory equipment.

MILTENYI BIOTEC

Miltenyi Biotec GmbH is a biotechnology company headquartered in Bergisch Gladbach, Germany, and the leading supplier of products for magnetic cell sorting and -analysis (MACS). The company was founded in 1989, making it one of the oldest and largest German companies in the biotechnology sector in terms of number of employees and turnover. The new research center in Bergisch Gladbach was inaugurated. On 5,500 m^2 floor space, modern office and administration rooms as well as the new laboratory were created. Miltenyi Biotec commissioned Th. Geyer with the complete furnishing of the laboratory.



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