

Your lab,
countless solutions.

Reinventing yourself

Our roots go back to **1946**, when Johann Köttermann founded the Haushaltsbedarf und Beleuchtungskörper GmbH. The demand determined the products, which were precisely matched to customer requirements: Distillers became bestsellers, refrigerators and conditioning cabinets, shakers and mixers rapidly expanded the portfolio. Pharmacies needed equipment that eventually furnished entire laboratories. In **1956**, J. Köttermann GmbH became J. Köttermann KG. Fabrik für Laboratoriumsapparate und -möbel.

We have been producing at the same location from the very beginning – in Hänigsen near **Hanover**. From here, we operate internationally and our modern, modular **steel** laboratory furniture is used in over 40 industries.

Whether it's chemistry, pharmaceuticals, biology, cosmetics or paper – our team of over 150 employees has the right expertise for your customised laboratory.



*Johann Köttermann had the technical ideas...
and just two weeks later he had a finished device.*

Dr. Rainer Kochen, Managing Director Köttermann 1987–2007

More than
75
years
expertise



1946

Distilling apparatus – one of the first products manufactured by Haushaltsbedarf und Beleuchtungskörper GmbH, founded by Johann Köttermann.



1950

J. Köttermann GmbH is exhibiting for the first time at the leading European trade fair for the chemical industry, ACHEMA.



1988

After years of dual-track production, Köttermann decides to exclusively produce laboratory furniture made of steel.

Make a wish

Our furnishings are as individual as your wishes. Before we start manufacturing your new laboratory equipment, we discuss your needs in detail. It's not just about what you do in your laboratory and **what** materials you use, but above all **how** you do it:

- ✓ What role does communication play at the workstations?
- ✓ Do your teams work on an interdisciplinary basis?
- ✓ Do you want to improve the atmosphere in the laboratory?
- ✓ How many appliances do you need to accommodate and what storage space do you need?

These are just some of the questions we will discuss with you. This is how we find out which type of furnishing is right for you. Only after detailed consultation do we plan your customised solutions. And we do this in 3D - so that you can experience your new laboratory almost as if you were actually there. Our **pCon furnishing software** enables us to set up your desired rooms and design them flexibly with you so that we can realise your ideas together from the very beginning.



I was able to pick and choose my dream laboratory and Köttermann made it possible.

Simone Seeger, secondary-school teacher, School for Commercial and Domestic Science Horb a. N.

We
listen
to you.



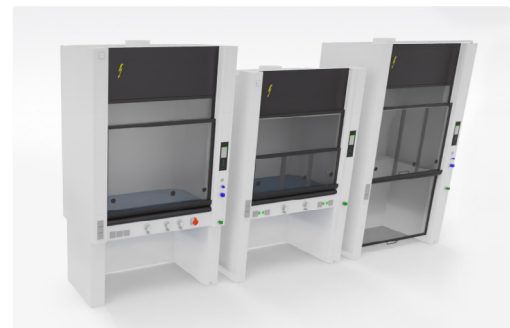
2013

Completion of the Köttermann Academy for training courses, certifications and events.



2018/2024

Köttermann becomes part of the Czech group of companies BHM group. In 2024, the Köttermann Group is formed, bringing together the companies Köttermann, Labflex and Lab-Concept.



2024

Plan it yourself in 3D: With our pCon product configurator, you can easily put together a customised fume cupboard.

Our team



Our employees are not only the basis of our success, they also contribute to the uniqueness of our products with their passion.

Jens Buchholz, Managing Director Köttermann GmbH

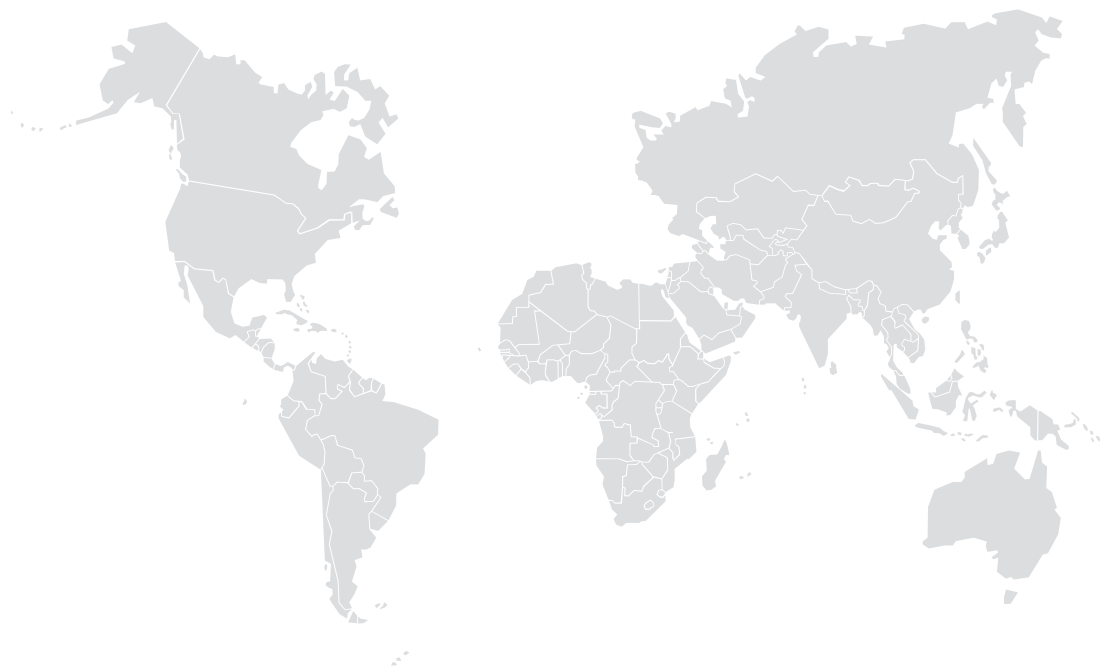
We are grateful for a team that has always supported change and are proud that so many colleagues have remained loyal to us for decades.

Kazim Doyuran, Managing Director Köttermann GmbH

Used around the world

We are at your side – from the first contact to your functioning laboratory. Over 150 dedicated people are working for you at our headquarters.

Six sales companies as well as our international area sales managers and partners are your global contact persons. We support you wherever your laboratories are.



International Area Sales Managers

Our **sales representatives** are there for you personally.

Phone +49 5147 976 0

E-Mail exploris@koettermann.com

- ✓ **Astrid Gravelle**, Scandinavia and France
- ✓ **Habib Heni**, Africa
- ✓ **Hans Laut**, North/Central and Latin America
- ✓ **Amar Hegde**, Middle East
- ✓ **Eugene Lai**, Asia, Australia
- ✓ **Konstantin Abuzyarov**, Balkans and CIS (Commonwealth of Independent States)

Your steel laboratory

Durable: Steel is virtually indestructible.

Our steel equipment is designed to withstand the stresses and strains of everyday use and to enable you to work reliably for years to come.

Resistant: Steel can withstand high stresses such as temperature fluctuations, corrosion, humidity and organic or inorganic acids. With steel equipment, you minimise the risk of fires in your laboratory, because steel is a non-combustible material and thus offers additional security.

Hygienic: The smooth surfaces of our steel equipment are easy to clean and disinfect.

This not only makes it easier for you to comply with hygiene standards, but also increases safety in your laboratory.

Flexible and adaptable:

We know that your requirements change over time. That's why our modular steel elements adapt to your new needs. This allows you to optimise your workflows without compromising on efficiency.

Steel production is...



... sustainable despite energy-intensive processes

- ✓ **Resource-conscious:** Steel can be recycled over an unlimited number of life cycles without losing quality. This reduces the need for primary resources, lowers energy consumption as well as the environmental impact and saves 50 % of the original CO₂ emissions.
- ✓ **Reusability:** Steel can not only be recycled, but also reused.
- ✓ **Improved environmental balance:** Thanks to advances in steel production technology, modern steelworks consume less energy.
- ✓ **Utilising by-products:** Many steelworks utilise by-products from steel production. For instance, blast furnace slag and metallurgical dust can be used as aggregates in the construction industry, which reduces waste and optimises the use of resources.

Using resources wisely



Conscious production

Located in the middle of the countryside, our headquarters in Hänigsen, Lower Saxony, are a clear commitment to nature. We utilise available resources and expand the possibilities for use.

- ✓ A water treatment system saves water.
- ✓ Vacuum evaporators in the coating system reduce the amount of waste water by 98 %.
- ✓ Our lighting is linked to the intensity of the sunlight.
- ✓ A nearby biogas plant supplies us with heat via a water circuit, which we use to heat the factory halls, office building and for heat requirements in steel pretreatment.
- ✓ We minimise waste by optimising offcuts.



Certificates

DIN EN ISO 9001
Quality management

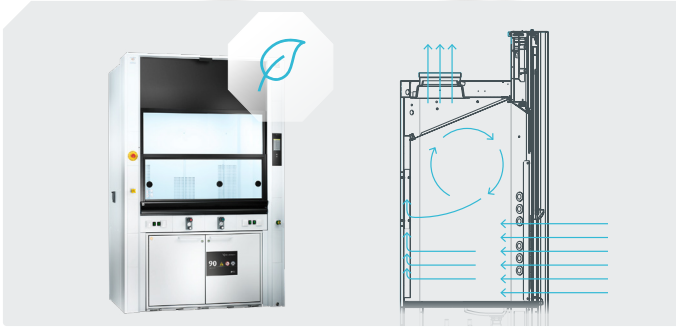
DIN EN ISO 14001
Environmental management

DIN ISO 45001
Occupational safety

DIN EN ISO 50001
Energy management



Saving energy



Up to 900 €
in savings per year

Low-energy fume
cupboard EcoPlus



approx. 50 %
reduction in
volume flow rate

Intelligent sash control via
TouchTronic and modern
AutoProtect safety technology

Smart product designs and control units reduce the energy requirements of your laboratory – while maximising occupational safety

- ✓ Thanks to its unique air flow technology, our **EcoPlus low-energy fume cupboard** reduces the exhaust air volume by around 30 % (compared to a standard market model). Assuming an eight-hour working day and an air conditioning price of 2 euros per 1,000 m³, this equates to savings of 900 euros per year per fume cupboard.
- ✓ **Exhaust air control systems and intelligent sash technology** also save energy. This is because a closed sash reduces the volume flow rate by around 50 %.
- ✓ The **TouchTronic** electronic control unit ensures intuitive, smart fume cupboard control.
- ✓ The **AutoProtect** automatic protection mechanism automatically closes the sash as soon as you stop working in the fume cupboard.



Everything from a single source

From your **idea** to the installed laboratory and beyond:

1 »



2 »



3 »



consultation

You have facilities, wishes and perhaps initial ideas. Together we will take the time to analyse your laboratory processes and match them to your needs.

planning in 3D

With all your details and our experience, we plan your customised laboratory. You are involved right from the start – thanks to our digital planning software pCon.

production

We manufacture your new laboratory equipment at our headquarters in Hänigsen – exactly as you wish.

300
service

Every laboratory is customised

4 »



transportation

We organise the best possible transport to you. We are backed by a well-established network of certified partners worldwide.

5 »



installation

Selected partners trained by us assemble your finished laboratory – until everything is just right.

6



maintenance

We are there for you after completion of your project on request: certified partners take care of all service and maintenance work.

”

Working together to find solutions, even for special requirements, gave us a good feeling at all times.

Hubert Hilmer, Head of Facility Management Technical University of Munich, Campus Straubing



»
Köttermann gets things moving – the path to your laboratory

Köttermann laboratory solutions: for you



Safe and economical:

Sustainability ace EcoPlus reduces operating costs by up to 30 %.

The TouchTronic electronic control unit:

Easy control, safe programming and display of hazardous substances.

Sustainability and fume cupboards: Our Head of Product Management, Dr Christof Behrens, in an interview.



Fume cupboards

Your work tasks determine which laboratory fume cupboard we offer you. Bench-type, distillation, radionuclide or low-energy EcoPlus fume cupboard – depending on the application, we will customise your fume cupboard so that you can work safely.

- ✓ Certification in accordance with **DIN EN 14175** Part 2, Part 3 and Part 7
- ✓ Tested for **20 years of operation**
- ✓ Customised gas, water and electrical equipment

- ✓ **Simple operation** and control thanks to air flow monitoring – LSÜ+
- ✓ Powder-coated **steel** housing
- ✓ **Additional lining** depending on the area of application and fume cupboard
- ✓ Sash made from **laminated safety glass**
- ✓ Flow-optimised exhaust air system
- ✓ Plenty of space for appliances thanks to particularly **large interior depth**

Your safe research space in the laboratory



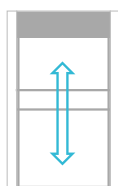
Bench-type fume cupboards
universally applicable for general use



EcoPlus
the low-energy fume cupboard



High-performance fume cupboards
safe handling of acids and high thermal loads



Distillation and walk-in fume cupboards
large experimental setups safely under cover



Radionuclide fume cupboards
maximum safety when handling radioactive substances



Pharmacy fume cupboards
spacesaving and flexible in use



NEW

The new **octo corner underbench cabinet** combines maximum storage space and ergonomic work routes.

Like all furniture elements, you can combine it flexibly with end, corner or island cabinet designs.



« Find the full range of laboratory furniture at www.koettermann.com

Laboratory furniture

Do you need a lot of tools or do you work in an interdisciplinary setting? Whatever your requirements are, our flexible furnishing elements adapt to your needs. Our base material, steel, ensures that your laboratory will support you over a long period of time.

- ✓ Internally and externally **tested, certified** by independent institutes
- ✓ **Ergonomic** product design

- ✓ Made of **steel**, electrolytically galvanised – robust and durable
- ✓ UV and **chemical-resistant** coating
- ✓ Maximum storage space
- ✓ Double-shell, **noise-insulated** door and drawer fronts
- ✓ **Comfort pull-outs** with air-insulated automatic self-closing mechanism
- ✓ Clear and aesthetic colour scheme

Modular elements for your requirements



Tall cabinets
storage space with many extras



Underbench cabinets
well stored and ready to hand



Wall- and top-mounted cabinets
tidy and organised



Service cell cabinets
transparent



Single tables
mobile and resilient



Worktops
cut to your requirements



Basins and sinks
water supply made to measure

Köttermann laboratory solutions: for you



Services

Accessories – play it safe with every detail:
 From shut-off valves and regulated high-purity gases to water fittings, you can choose from a comprehensive range of additional products for your safe service supply.

Find the full range of service supplies at www.koettermann.com



Water, gas or electricity – you tell us what you need and we will provide you with customised service supplies.

So that you have **unhindered access** and the best quality and purity at your desired location.

- ✓ Interchangeable service cassettes, can be retrofitted
- ✓ Open design for a clear overview, all systems can be combined
- ✓ Sockets, power feeds, potential equalisation, appliance installation boxes
- ✓ LED lighting, tripod systems
- ✓ Splash protection made from toughened safety glass or steel

Smoothly supplied with your combination of services

Service cells
 open for a wide variety of possibilities

Wall-mounted service cells
 the space miracle

Service booms
 everything within reach,
 nothing in the way

Table-mounted service columns
 flexible use





We offer a comprehensive range for your precautions:

- ✓ Emergency body and eye showers
- ✓ First aid cabinets
- ✓ First aid kit including contents in accordance with DIN 13157
- ✓ Fire extinguishers, fire blankets
- ✓ ... and much more



«
Find the full range of cabinets
for hazardous substances at
www.koettermann.com

Cabinets for hazardous substances

Whether it's acids, alkalis or chemicals – our versatile cabinet solutions with XXL storage space provide **maximum safety** when storing your hazardous substances.

Needless to say, we have had the highest fire resistance levels **certified**:

- ✓ **EN 14470-1** for flammable liquids
- ✓ **EN 14470-2** for pressurised gas cylinders

- ✓ Safe storage of flammable hazardous substances
- ✓ Permanent ventilation for safe laboratory air: via in-house exhaust air system, external or integrated fan
- ✓ One-hand operation, automatic closing, full-extension drawers
- ✓ Can only be accessed by **authorised persons**

Safe and convenient storage – the Köttermann cabinets for hazardous substances

Safety cabinets
storage of flammable
hazardous substances

Tall safety cabinets
storage of flammable
hazardous substances
with pull-out doors

Safety cabinets
for pressurised gas
cylinders

Acid/alkali cabinets
storage of corrosive
materials

Chemical cabinets
storage of non-corrosive,
non-flammable materials



References – Our laboratory furniture in

Norway Jotun A/S

England Britvic, Chelmsford Glaxo Wellcome Shell United Biscuits Unilever

France L'Oréal

Italy Ciby Geigy AG University of Padua

Spain Eurofins Villapharma Research

Belgium Agfa-Gevaert Impextraco NV

Germany Charité Continental Reifen Deutschland GmbH Boehringer Mannheim BS Horb Evotec Haus des Wassers Hoechst Bayer AG LKS Ludwig Fresenius Schulen Merck Münzing Chemie Papierfabrik Palm Spessart-Gymnasium Alzenau Strahlenklinik Erlangen TU Berlin, München + Hamburg Volkswagen Zapp Precision Metals GmbH

Austria Polizeidirektion Wien

Switzerland CHT Switzerland AG Empa Novartis

Saudi Arabia Zam Zam water laboratory

Morocco Université Euro- Méditerranéenne de Fès

United States Bristol Myers Squibb Johnson & Johnson Kraft Jacobs Suchard Procter & Gamble N.V. S. C. Johnson Polymer The Coca Cola Company



worldwide
the largest projects

Poland
Institute of Aviation Łukasiewicz
Karpacka Państwowa Uczelnia w Krośnie

Kazakhstan
Nazarbayev-University

India
CRAMSN Research Park India
SAI Life Sciences

Köttermann laboratories support research, development and analyses in a wide range of industries:

- + Agriculture
- + Application technology
- + Biology
- + Biotechnology / Life Sciences
- + Chemistry
- + Clean room
- + Colour industry
- + Cosmetics
- + Diagnostics
- + Environment / Water / Wastewater / Waste
- + Food
- + Forensics
- + Institutes / Universities / Education
- + Material testing
- + Mechanical engineering
- + Medicine (medical technology)
- + Metal industry
- + Microbiology
- + Petrochemicals / mineral oil
- + Pharma
- + Pharmacies
- + Physics
- + Polymers
- + Process engineering
- + Sensors
- + Synthesis
- + Textile
- + Toxicology
- + Vehicle construction
- + Veterinarian
- + Water treatment

« Dr. Franz Köhler Chemie GmbH

Laboratory for quality control and raw materials

Location	Bensheim, Germany
Size	250 m ²
Execution	2021

References – Our laboratory furniture in



<< Papierfabrik Palm GmbH & Co. KG

Customised solutions to make it easier to unroll the paper.

Location Aalen, Germany
Size 130 m²
Execution 2021



School for Commercial and Domestic Science Horb

Unique central teacher's desk solution for innovative teaching.

Location Horb am Neckar, Germany
Size 60 m²
Execution 2022

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LKS – Landwirtschaftliche Kommunikations- und Servicegesellschaft mbH



Thanks to Köttermann design, employees feel comfortable in their working environment again.

Location Niederwiesa, Germany
Size 800 m²
Execution 2023



Research institution Empa

Sustainability is at the centre of the new campus building for research and innovation.

Location Dübendorf, Switzerland
Size 2308 m²
Execution 2020

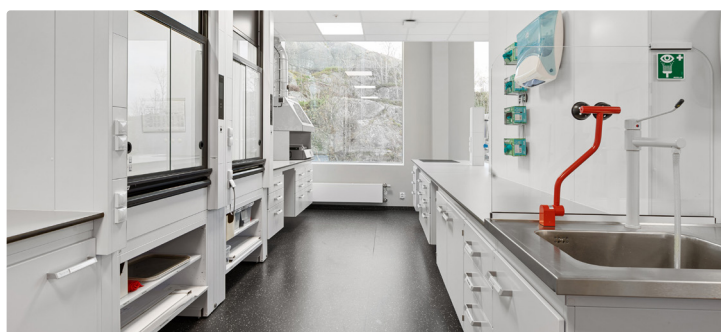
References – Our laboratory furniture in



<< Technical University of Munich – Campus Straubing

A modular laboratory that uses steel as the basic material. Köttermann's sustainability strategy was another selection criterion.

Location Straubing, Germany
Size 1500 m²
Execution 2022



Jotun A/S

Laboratories for the production and research of paints and varnishes.

Location Sandefjord, Norway
Size 4500 m²
Execution 2020



Institute of Aviation Łukasiewicz



Laboratory for fuel research

Location Warsaw, Poland
Size 600 m²
Execution 2023



Impextraco

Research into resource-saving pet food. The laboratory space needed to allow for optimum mobility and have a clear design.

Location Heist-op-den-Berg, Belgium
Size 105 m²
Execution 2020



✕ Köttermann



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