

A family-owned company with strong brands

sicco

Desiccators, Drying Cabinets,
Glove Boxes



BOLA

Professional Labware
PTFE | PFA | FEP



b.safe | **b.safe SYSTEM**

Safety Solutions
for HPLC



Individual
System Solutions
for Safe Liquid Waste
Disposal





BOLA

sicco

b.safe

b.safe SYSTEM



Product development and **manufacturing**

BOLA, SICCO, b.safe and b.safe SYSTEM:

powerful brands for your lab!

Founded in 1959 as a precision turnery, the Bohlender GmbH has focused on the development and manufacturing of professional high-performance fluoroplastics labware made of PTFE, PFA and FEP. These products are grouped under the brand name BOLA.

End of the 1970's Bohlender launched a new production line: desiccators and drying cabinets of acryl glass. At first, our company was just acting as a trading partner in Europe. However, since 1997 we have been designing and manufacturing these products in Gruensfeld ourselves. Since 2009 they have been distributed under the name SICCO.

Bohlender's most recent product lines were launched in 2020: b.safe stands for high-professional safety solutions in HPLC and includes items like mobile phase caps, waste caps, exhaust filters, safety funnels and level control devices. b.safe SYSTEM is a individual lab furniture integrated waste collecting system.

Bohlender Americas Inc. was founded in Alexandria, Virginia (USA) in 2025. This move strengthens the company's presence in North and South America. The establishment of Bohlender Americas Inc. underscores the company's international ambitions and demonstrates that strong roots in its home region can go hand in hand with a global presence.

Bohlender History



Professional High-Performance Fluoroplastic Labware

PTFE | PFA | FEP

More than 1000 innovative BOLA products made of high performance plastics. For efficient, precise and safe work in your lab.



[Learn more](#)



Vessels and Scrubber Adaptors made of PTFE

Storage and handling of
special liquids.



Multiple Distributors for Bottles

Removing and filling
aggressive or pure
liquids.



Flexible Distributors

For Elastic tubing to extract
or fill of glass bottles
without twisting.



PTFE and PTFE-EX Stirrer Shafts

Stirrer shafts and magnetic
stirring bars made of
PTFE - big choice for all
applications.



PTFE/PFA/FEP- Tubing

Perfect as flexible tubing
line for aggressive
or pure liquids/gases.



[BOLA Catalog](#)



SICCO Desiccators, Drying Cabinets and Glove Boxes

SICCO

Desiccators and Drying Cabinets

stable | functional | individual

Learn more



The best choice for storage or drying of sensitive products or items. Choose either a model of our wide standard range or ask for a custom manufacture.

Desiccators for Drying and Storage

The range of application of our SICCO Desiccators and Drying Cabinets extends to a variety of sectors.

Flexible and functional

They offer a maximum of flexibility and functionality in order to cover the whole range of protected storage and drying.

Great variety of options

Immerse yourself in the great variety of possibilities and discover the tailor-made solutions for your specific requirements.

Glove Boxes

Safe work with sensitive mixtures of substances in an isolated atmosphere.

Connections for gassing

Gassing connections enable work in nitrogen or noble gas environments.

Robust Gloves

Robust natural rubber gloves ensure mobility and safe handling.

Transfer chamber with two doors

The lock allows for convenient loading of the glove box.

SICCO Catalog



Sophisticated Safety Solutions for HPLC

Products and accessories for safe solvent removal and disposal in the HPLC process.

b.safe

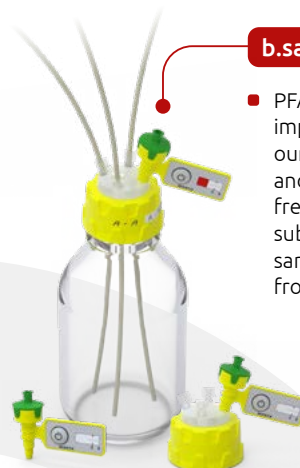
Safety Solutions for HPLC

[Learn more](#)



b.safe Caps for Preparative and Flash Chromatography

- High flow rates are no problem for the Eluent Control Caps.
- The integrated level sensor warns in good time so that no air is sucked into your instrument.



b.safe for PFAS Analysis

- PFAS analysis has become an important topic. That's why our PFAS mobile phase caps and accessories are completely free of per- and polyfluoroalkyl substances. This keeps samples and eluents free from contamination.

b.safe for Waste Collection

- HPLC Waste Caps and exhaust filters for safe collection of solvent waste provide perfect protection from harmful solvent vapours.



b.safe for Solvent Supply

- HPLC Mobile Phase Caps for perfect protection from hazardous vapours, reduction of expensive solvent losses, guarantee of pure eluents and easy handling.



b.safe Control Waste Caps and Accessories

- Out of sight, out of mind?! With Control Waste Caps and Alarm Boxes, you always have the fill levels in your HPLC waste containers under control. Acoustic and visual alarms signal when the container is full.



b.safe Funnels

- Made of PE or PE-EX for organic solvents. These funnels are useful items, whether with a hinged lid, ball valve or integrated level indicator. Thanks to the large range, every user will find the right funnel for their waste canister or barrel.

[b.safe Catalog](#)



Individual System Solutions for Safe Liquid Waste Disposal

Individual built-in systems for safe solvent disposal and waste management in the laboratory

b.safe SYSTEM

Learn more



b.safe Filling Units

- Whether you need a sink to rinse beakers or want to connect waste lines from your instruments just intergate the items in your work top.



b.safe Mounts

- The link between filling devices and your waste containers. To make it as easy as possible for users to make their choice, there are combinations of mounts and filling units.



b.safe Mini-Displays

- The centrepiece of our level monitoring systems. Provides visual and audible warnings when maximum or minimum fill levels are reached in solvent supply or waste containers.



b.safe Containers, Collecting Trays and Trolleys

- Collect your solvent waste safely in PE-EX containers. The collecting trays take the liquids from overflowing or leaking containers. With the trolleys, you can simply push your HPLC waste canisters under the table.



b.safe System Waste Caps

- These waste caps are available with and without fill level monitoring and connect the entire system to the waste container.



b.safe Pipe System

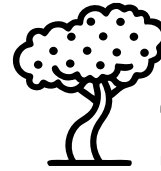
- Simply build your own pipe system that is customised to your specific needs in the lab.



b.safe System Catalog



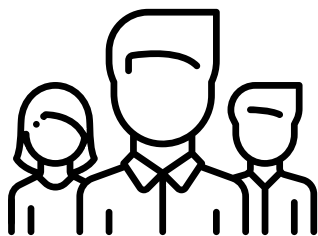
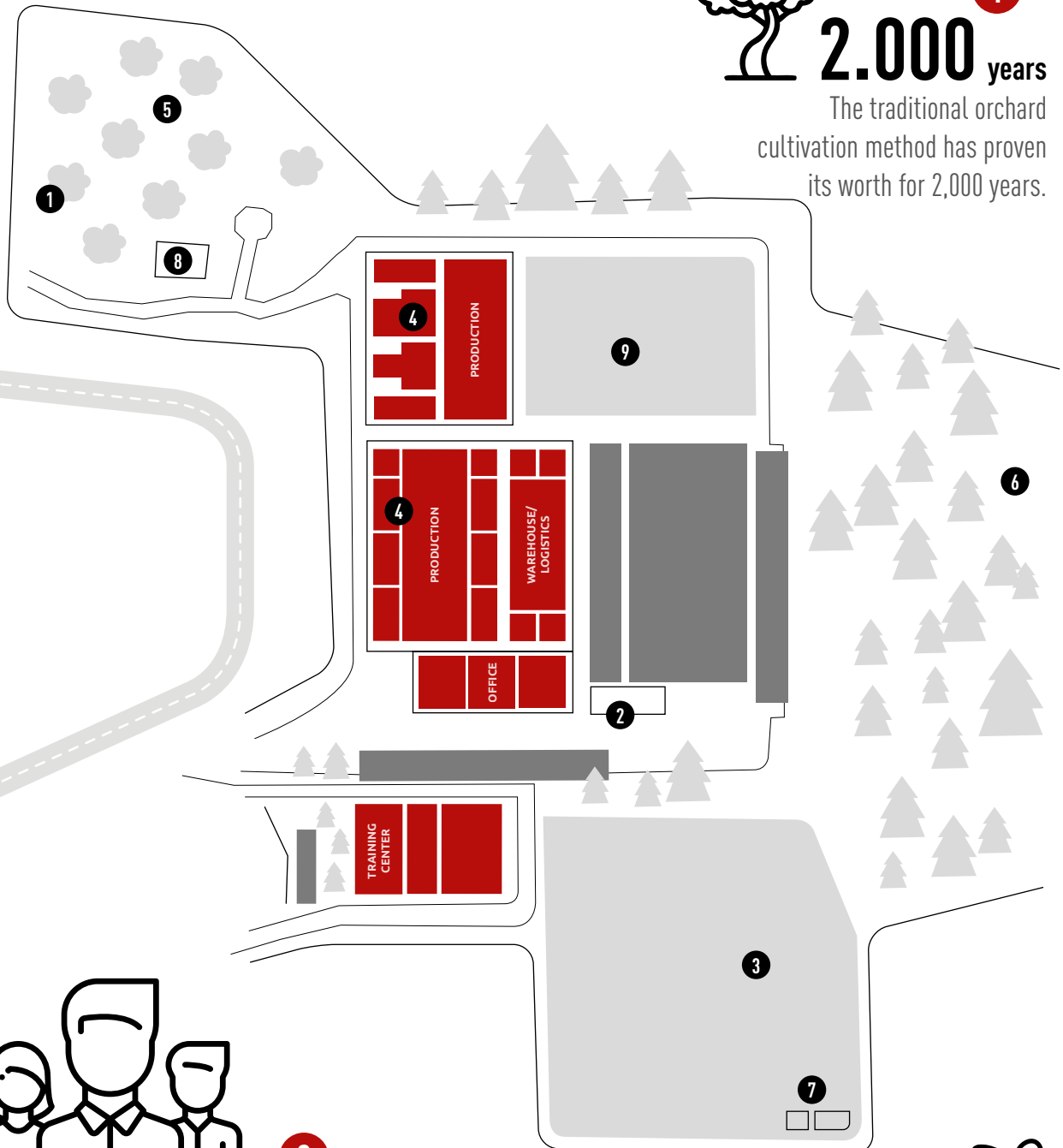
HIGH-TECH AND ENVIRONMENT PROTECTION? OF COURSE. WITH US.



1

2.000 years

The traditional orchard cultivation method has proven its worth for 2,000 years.



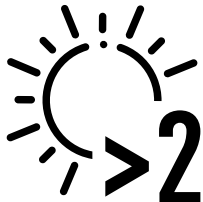
2

A functional bicycle shelter supports climate-friendly and **healthy mobility**.

3



Protected species find their adapted habitat on our low-nutrient **grasslands**.



4

>257.000

Our photovoltaic system generates 257,000 kWh each year, saving 150 tons of CO₂



7

>15

bee colonies inhabit our dry meadows.



8

Our infiltration pond slowly releases surface water into the environment, mitigating heat waves and recharging the groundwater supply.

37t

5

An intelligent ground cooling system saves us 37 tons of CO₂ annually in machine cooling.



9

>5.000

Our flower meadow provides a habitat for 5,000 species of animals and a close-to-nature recreational space for our employees.

6

>330



trees in our company-owned forest compensate for more than 5,5 t CO₂ per year.



A VERSATILE AND COMMITTED COMPANY



German Stem Cell Donor Registry

BOHLENDER supports the activities of German Stem Cell Donor Registry. Not only financially. Through personal typing and registration as a stem cell donor we want to give new hope to people suffering from Leukemia or other hematopoiesis disorders. Nowadays, many affected persons can be helped by means of a stem cell donation. In case in the own family no suited donor can be found, patients are dependent on a third-party donor. Every new typing and registration increases the chance for a suitable match. Become a lifesaver with a small blood donation – BOHLENDER supports this activity with all our heart.

Sports and youth promotion

Children and youth work in the local sports clubs contributes that children, teenagers and young adults can develop their physical, personal and social skills and participate actively in social life. Already for many years the financial support through sponsoring sports clothing for the local sports clubs, who among others, are active in handball and football, is a matter of course for BOHLENDER. Because those who are healthy and fit are better able to cope with the demands of everyday private and professional life.



Community Foundation Lauda-Königshofen

The Community Foundation Lauda-Königshofen was founded end of 2013 by engaged citizens and companies. The objectives of the Community Foundation are the development, promotion and appreciation of sustainable and innovative ideas and concepts in the town of Lauda-Königshofen including all its districts. These objectives can be achieved by strengthening civic engagement and the promotion of sustainable development of the community within the fields of family, education, science, environment and nature protection, healthcare, heritage preservation and international understanding. The company BOHLENDER has its sources in Lauda and has always been closely connected to Lauda-Königshofen. We, at BOHLENDER can identify entirely with the objectives of the Community Foundation and are committed accordingly as foundation founders.

SUSTAINABLE PRODUCTION

Unbreakable, chemically resistant, sterilizable – high performance plastics such as Polytetrafluorethylene (PTFE) dispose of fantastic material properties and therefore, are indispensable in laboratories of this world. However, the most important raw material of all fluoroplastics, Fluorspar, belongs to the finally available resources. We, at Bohlender, see it as our responsibility to handle this with care, where possible, to save material and energy as well as to exploit

all recycling possibilities. Already for a long time there are also different possibilities for recycling for Fluoropolymers – both for processing waste as well as for products, which have reached the end of their useful life.

OUR FOUR PILLARS

1. Thinking ahead from the very beginning

For us, saving resources starts already in development and design. Our products are designed that they can be used multiple times and, if possible, used for years. At the same time, we take care of minimum use of materials and maximum reduction of production waste. For example, for the production of moulded parts working steps that produce chips are not required. Besides saving PTFE powder also less energy is consumed.

2. Recovery in view

Initially we process Fluoropolymers, particularly PTFE, as semi-finished products. The main products are tubes and rods or special moulded bodies. From this we produce tailor-made end products in sophisticated cutting processes.

Chips arising when drilling, turning, milling or similar are suctioned directly at the machine via a pipe system and collected. So, they do not become contaminated. We store them pure of type and free of any contaminations until we supply them to external specialist recycling companies. This applies also for remaining pieces of semi-finished products. It is also possible that the reprocessed, sintered PTFE wastes come back to us. We process them to suitable products.

3. Natural energy in use

We rely on solar energy in the manufacture of our products. Already in 2012, we installed a photovoltaic plant on our roof which does not only supply us with sufficient electric current but also saves about 150 tons CO₂ emissions.

4. Safe use and waste disposal

Products made of the well-known fluoroplastics such as PFA, FEP, ETFE or PVDF are free of softeners and solvents. This means no harmful substances are submitted to the environment.

Till 2015 the additives PFOA and APFO have been used for the production of PTFE. Both additives could be removed almost completely from the products within the frame of reconditioning and be regained mostly. Nevertheless, notable manufacturers of PTFE have committed to dispense completely with the use of this. This ensures that neither when using nor dispose our products harmful substances are submitted to human beings or environment.



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