

Precious contents perfectly packaged

FROM THE GLASS TUBE TO OPTIMUM SYSTEM PACKAGING



**MADE IN
GERMANY**

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Screw, Injection & Crimp-Top Vials

Snap-Cap & Snap-On Lid Vials

Tablet Tubes, Perfume Vials & Glass Cylinders

Chromatography & Customer specific Vials

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Perfect primary packaging for:

Pharmaceuticals

Cosmetics

Chemicals

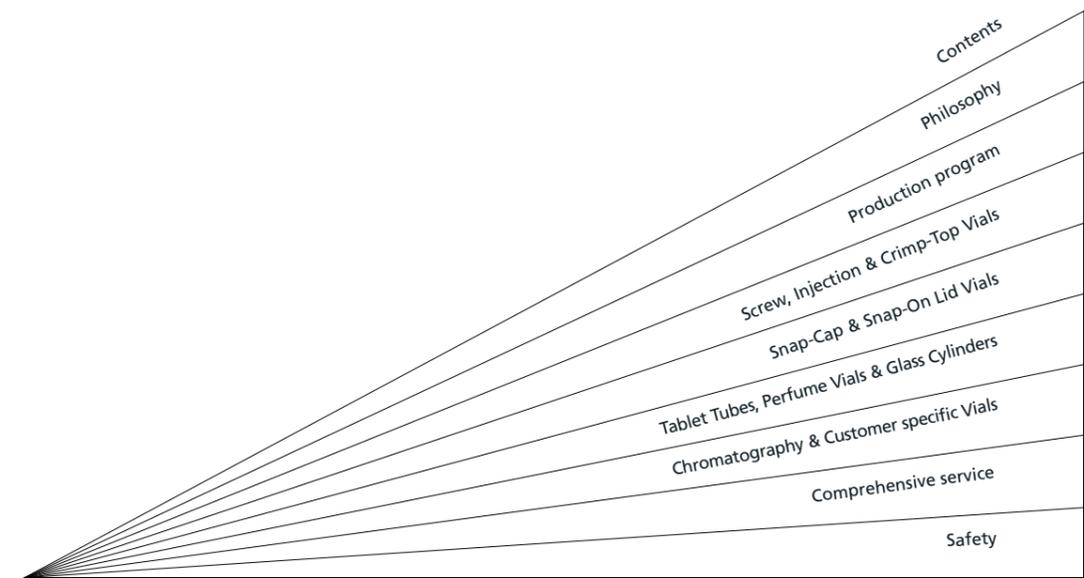
Food

Veterinary medicine



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Perfect packaging for your valuable goods.



Philosophy

Quality at the highest level!
Efficient and flexible processing!
Comprehensive service for your primary packaging material made from tubing glass!

We are designing and producing tubing glass packaging for the pharmaceutical, chemical, cosmetic and dietary supplement industries since 1956. Our philosophy is to understand our customers' perspective, to accept their demands, to use our know-how here and to orient our activities to fulfil your requirements and demands in the best possible way. As a result, you will receive primary packaging material which is optimally tailored to your high quality products, produced using the newest technology and in the cleanest conditions, on request, in clean room quality.

As the pioneer of optoelectronic measuring with decades of experience, we ensure quality at the highest level. All machines and product lines are networked, process-controlled and equipped with optoelectronic and cosmetic control systems and online monitoring from ISOTRONIC. The newest laser technology and online monitoring of our production for cosmetic defects, "Japanese" quality and dimensional accuracy create a controlled, consistent level of precision and perfection at the highest level.

Targeted at the requirements of the norms **DIN EN ISO 9001** and **DIN EN ISO 15378**, in keeping with the **GMP guidelines** and a continuous improvement of our processes and machines, we achieve a high level of quality.

We place great value on the best raw materials, sophisticated production methods, controlled, reproducible and computer monitored processes, individual and professional consultation of and support for our customers as well as an optimum after sales service. We rely on long-term, trusting relationships with our customers.

For our customers, we want to offer comprehensive and efficient solutions for packaging made of tubing glass as a competent and reliable partner. You are assisted by our

comprehensive service from the development and designing of packaging solutions up to support in the filling of your high quality products from the pharmaceutical, cosmetic, chemical, dietary supplement and veterinary medicine sectors.

Our products, our service and our decades of experience are valued by our customers around the entire world. Through foresighted and future-oriented investments, we constantly adapt to the development and demands of the markets and offer you our service to increase your potential and to improve your value chain in the exploitation of new markets.

Get in touch with us, we look forward to an open exchange and a good cooperation with you.

- **Greatest precision**
- **Optoelectronic control**
- **The newest laser technology**
- **Clean room packaging**
- **Comprehensive service**

Philosophy

Production program

Screw, Injection & Crimp-Top Vials

Snap-Cap & Snap-On Lid Vials

Tablet Tubes, Perfume Vials & Glass Cylinders

Chromatography & Customer specific Vials

Comprehensive service

Safety



Our experience for
your success.

Production program

Over 10,000 m², we produce **glass and system packaging** according to your specific requirements. Norm vials in standard sizes pursuant to DIN, special vials with inner grooves and blow-back, with flat or rounded bottoms, V-shaped or U-shaped vials with optimum residue emptying performance, as well as vials in various special sizes, with locking systems for all standard norm and special seals or with their own patented safety lock system. If required, you can receive your vials printed in **one or two colours, frosted, with a silicon or tempered inside coating**. According to your requirements, the products may also be **packed in clean room conditions**.

Diameters of 8 to 34 mm may be combined with lengths of 25 to 150 mm with a filling volume of approx. 0.5 to 60 ml. Our **internal tool shop and jig department** offers the opportunity to also implement special customer wishes in terms of shape and design at short notice. The shortest changeover times, thanks to a sophisticated planning and production concept, create a high level of flexibility and enable a customer oriented production method even in the case of small lot sizes: **the most diverse vial shapes and sizes even in small batches - individually according to the customers' wishes**.

The following types of glass may be used depending on the requirements:

- **1. hydrolytic class - borosilicate glass - colourless, clear or amber**
- **2. hydrolytic class - soda glass - soda lime silicate glass - amber**
- **3. hydrolytic class - soda glass - soda lime silicate glass - clear**

Production program

Screw, Injection & Crimp-Top Vials
Snap-Cap & Snap-On Lid Vials

Tablet Tubes, Perfume Vials & Glass Cylinders
Chromatography & Customer specific Vials

Comprehensive service

Safety

Screw Vials



Injection & Crimp-Top Vials



Screw, Injection & Crimp-Top Vials
 Snap-Cap & Snap-On Lid Vials

Tablet Tubes, Perfume Vials & Glass Cylinders
 Chromatography & Customer specific Vials

Comprehensive service

Safety

Snap-Cap Vials

Snap-On Lid Vials



Snap-Cap & Snap-On Lid Vials
 Tablet Tubes, Perfume Vials & Glass Cylinders
 Chromatography & Customer specific Vials
 Comprehensive service

Tablet Tubes & Perfume Vials



Glass Cylinders for Hypodermic Syringes

With or without bypass function



Tablet Tubes, Perfume Vials & Glass Cylinders
Chromatography & Customer specific Vials

Comprehensive service

Safety

Chromatography Vials



Customer specific Vials



Chromatography & Customer specific Vials
 Comprehensive service

Safety

Your strategic partner
from the brainstorming
to end customer delivery.



Comprehensive service ■

As a **system supplier**, we assist our partners in the optimisation of their processes and support them in the designing of new projects from the brainstorming, design development and implementation up to the finished, functional primary packaging material made from tubing glass. If required, screen printed or with a silicon or tempered inside coating, including **matching locking systems**, also tamper-proof, up to the secondary packaging material, **outer packaging, screen printing, labelling, ready for sale packaging, commissioning** and **end customer delivery**. As our partner, you receive everything from a single source, from the consultation and the development via the implementation of your ideas in our **own individual tool shop and mould design and construction**, up to clean room packaging according to the specifications of the GMP and FDA, including the process-related documentation. We have drug master files for the product registration. We are also familiar with international logistics and technical process support.

Through the monitoring and evaluation of **certified shipping companies**, we guarantee that the goods will arrive in the same condition as they are in when they leave our company.

- **Brainstorming**
- **Design development**
- **Matching locking systems**
- **Patented safety seal**
- **Screen printing**
- **Silicon and tempered inside coating**
- **Packaging**
- **Labelling**
- **Secondary packaging material**
- **Outer packaging (boxes etc.)**
- **Commissioning**
- **End customer delivery**
- **Certified shipping companies**



Holistic thinking in an organised structure.

Safety

Thanks to our decades of experience and our own developed checking, control and measuring systems, innovative **production, quality and clean room technology** has emerged, making the difference between a good and perfect primary packaging material clearly visible. Perfection and safety are the cornerstones of our business, as we know that we have a significant responsibility for the sensitive products which our glass packaging will later contain and protect. We thus accept a **high level of responsibility towards our customers**, employees and suppliers.

For us, holistic thinking means considering the changes and demands of tomorrow at today and examining a high end product along its entire lifecycle. This way of thinking is for us the basis for **innovation, security and reliability** - we start with this as early as the consultation.

In addition to **excellent know-how** and the distinctive inclination towards innovation and ecological optimisation, our dedicated team first and foremost forms the basis for this high standard. People who make the customer's, our partner's, goals to their own thus develop an economic and holistically optimised entire solution.

It is thanks to its dedicated employees that ISO is so strong and so successful. As a team, we are able to contribute each individual's strengths and expertise to the projects. Furthermore, we strive to support the professional development of our employees in every way. Continuous training and individual programmes on further development increase the potential of our employees and enable us to support and process innovative ideas with a future-oriented outlook, **at the highest level**, both effectively and in a result-oriented way.

Always a step ahead with safety and reliability.

- **Networked control and measuring technology**
- **Innovative production technology**
- **Decades of experience**
- **Excellent know-how**
- **Optimal control**
- **Perfect products**
- **Clean packaging**
- **Customer oriented team spirit**
- **Clean packaging, clean room technology**

**MADE IN
GERMANY**



ISO-Gesellschaft für Arzneiverpackungen mbH

Industriestrasse 4

D-97631 Bad Königshofen

Telephone: +49 97 61 / 91 25 - 0

Telefax: +49 97 61 / 52 50

iso@iso-online.de

www.iso-online.de

