



System solutions from the cleanroom

GEMÜ

www.gemue-medical.com



Company philosophy

Since 1964, GEMÜ has been providing high-quality solutions to a diverse range of customer groups, committed to sustainable actions and future-proof jobs.

„We share our passion for technology and our enthusiasm for people. This makes us strong for the future - worldwide and in the region.“

**Managing Partner of the GEMÜ Group Gert Müller and
Managing Director of the GEMÜ Group Stephan Müller**

Regionally rooted and globally active

Thanks to consistent innovation and a focus on quality and customer proximity, the GEMÜ Group is a leading manufacturer of valves, measurement and control systems worldwide.

More than 2,500 specialists

The GEMÜ Group currently employs more than 2,500 people worldwide, including over 1,300 in Germany. Production takes place at eight locations: In addition to the two production sites in Germany, GEMÜ manufactures its products in Brazil, China, France, India, Switzerland and the USA.

Development, construction and a large part of production and assembly are based in Germany. With 25 subsidiaries and a dense network of trading partners, GEMÜ is now active in more than 50 countries across all continents.

Range of services

The company covers the entire value chain, from consulting, research, and development to full-scale production, sales, service, and maintenance.

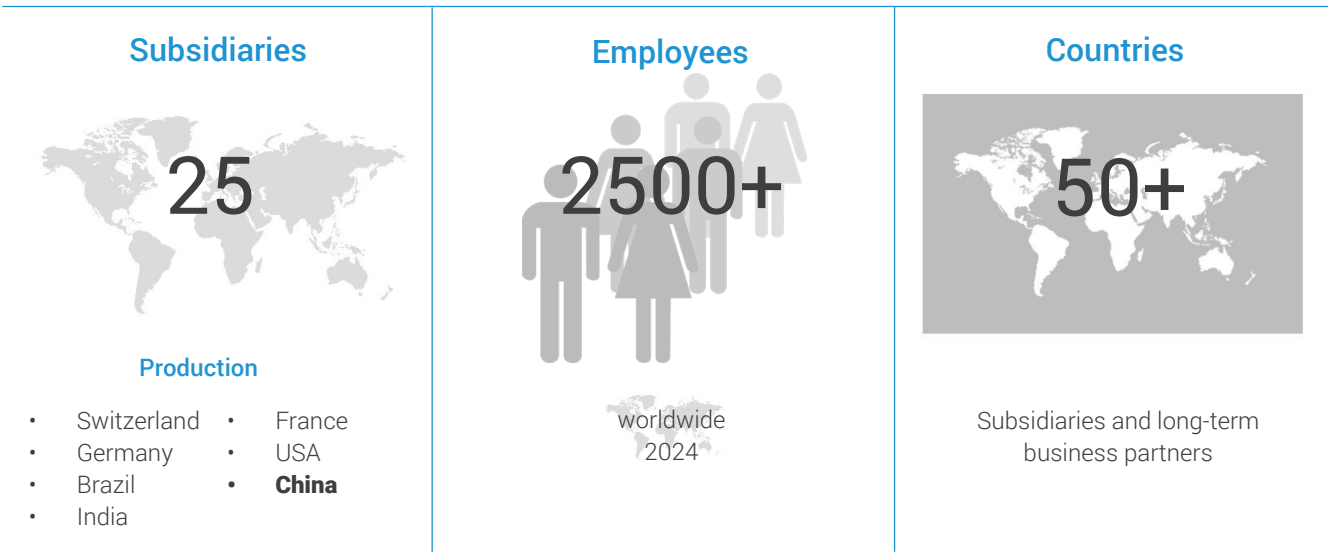
This results in customised solutions that deliver maximum performance in the long term.

Wide range of product variants

With the extensive modular system and adaptable automation components GEMÜ has, numerous product variants can be realized. This diversity makes GEMÜ unique and provides a suitable response to the increasing specialization in process engineering.

From one-off production to large-scale projects

As a solution provider, GEMÜ is equipped for a wide range of requirements - from customized multi-port valve blocks in batch size 1 to standard components in batch size 1000.



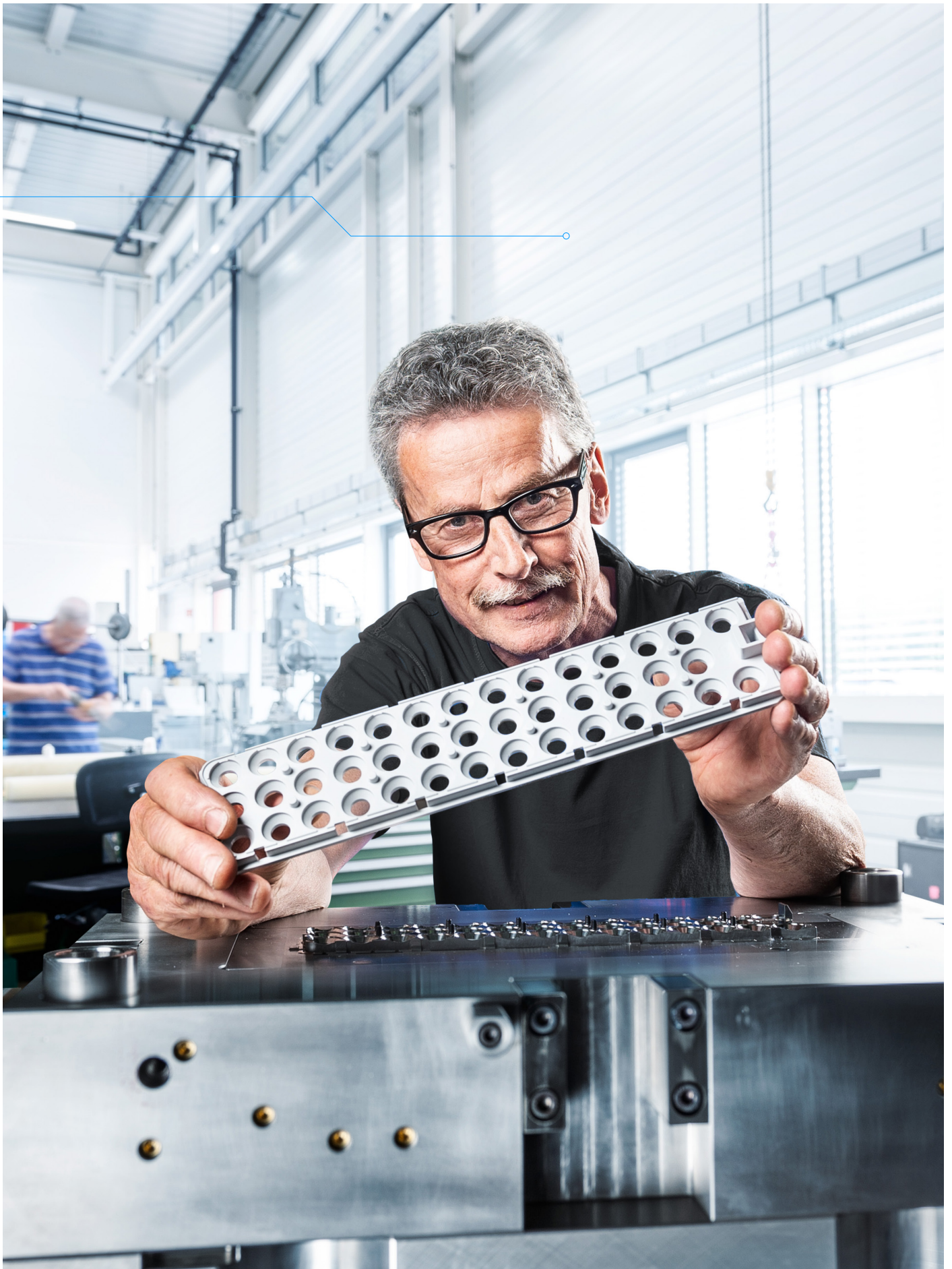


Customer-centred and application oriented

Founded in 2003, GEMÜ Medical supplies companies in the medical technology and pharmaceutical industries with customized plastic solutions through injection molding. International customers benefit from a comprehensive service, receiving everything from individual components and packaged, tested assemblies to sterile, ready-to-use finished products.

In September 2012, GEMÜ Medical opened a new clean room production plant in Emmen to support growth and to meet the high demands placed on the production environment.

GEMÜ Emmen is one of the leading medical technology companies in Switzerland.



GEMÜ

We develop sustainable solutions for medical technology with passion and expertise

GEMÜ Medical acts as a development and manufacturing partner for companies in the medical and pharmaceutical technology, offering customized plastic solutions for the following market segments:



MEDICAL DEVICES

GEMÜ is a manufacturer of components and system solutions on behalf of customers and serves sectors such as orthopaedics, surgery and dental technology.



DIAGNOSTICS

GEMÜ supports its partners in the diagnostics sector and manufactures solutions for laboratory systems as well as components for applications in the point-of-care sector.



PHARMACEUTICAL PACKAGING

GEMÜ provides plastic packaging solutions to customers in both the primary and secondary sectors. Additionally, GEMÜ offers innovative, in-house developed solutions for the drug delivery sector.



Plastics engineering

From the very earliest opportunity, GEMÜ clarifies its customers' requirements for injection-moulded parts in the medical industry in order to provide optimum support in all aspects of product development.

GEMÜ provides all the requisite skills from a single source: From concept design to tool manufacturing, from material advice to regulatory support.

Simulations, rapid prototyping and pre-series samples are integral to the research and development process – ensuring a seamless transition into series production.

Tool manufacturing

Our in-house tool manufacturing allows for quick reaction times. We develop, design and construct tools in-house or in collaboration with long-standing partners who have specialist expertise in the medical industry. What's more, we ensure tool maintenance as well as required modifications.

GEMÜ





Clean room capacity

Our environment meets the highest cleanroom standards (ISO 6 to 9). This enables us to process a wide range of part sizes and specific materials. The cleanroom manufacturing certified to ISO 13485 standard is completed using semi-automated or fully-automated injection moulding machines (35–450 t clamping force).

You can find all current certificates at www.gemue-medical.com/en/quality

Everything from a single source

GEMÜ utilizes modern technologies for complete medical technology solutions. In addition to our core expertise in plastic injection moulding, we also integrate laser welding or ultrasonic welding, printing technologies and assembly stations for tested and packaged system solutions.

We implement our customers' sterilization processes with the same holistic approach. We have the expertise to control, integrate and implement all associated processes.

Our modern cleanroom concept in combination with our certification (ISO 13485) enables us to manufacture:

- sterilisable (RTS) medical devices
- ready-to-use (RTU) medical devices





**CERTIFIED
CO₂ NEUTRAL**
by Swiss Climate

Sustainability

In 1964, GEMÜ invented its first product, a plastic solenoid valve, which incorporated economic and material-saving aspects. From then we have remained committed to this value.

Act and grow sustainably

Economic, ecological and social sustainability are new concepts, but their core objectives have been with the GEMÜ Group for over 50 years. Even with his first patented invention, company founder Fritz Müller achieved a material saving of 50% compared to conventional solutions.

New developments, such as this plastic solenoid valve from 1964, have ensured organic and steady growth for our company ever since. Our employees and the companies we support in Germany and around the world have grown with us.

Ecological and economic sustainability

The philosophy that GEMÜ uses as little material and energy as possible for the development, manufacture, processing and transport of its products still applies today.

We endeavour to dovetail economic and ecological aspects. Supported by our management team and our employees, we have been able to bring highperformance, low-consumption valves and automation components to the market.

An example of this is the GEMÜ R690 plastic diaphragm valve, which has an average material saving of 30 % compared to the predecessor product.

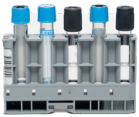
Social sustainability

We maintain close contact with our global production sites to discuss necessary investments in occupational safety and employee protection. In addition to reducing the risk of accidents and creating ergonomic workplaces, we also focus on promoting young talent and providing further training for our employees. We also support local projects through donations and sponsorship.

Swiss Climate Certification

GEMÜ Switzerland has been certified as CO₂-neutral since 2021 and has maintained this certification every year since. We remain actively committed to upholding this status in the future.

Reference products

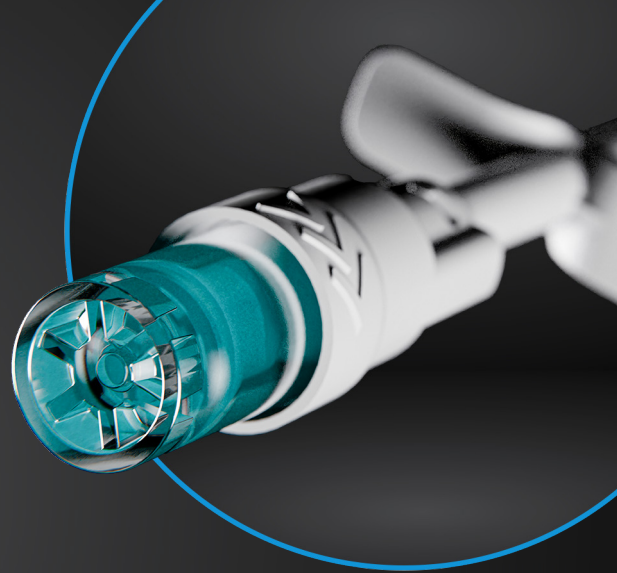


LUER VIAL

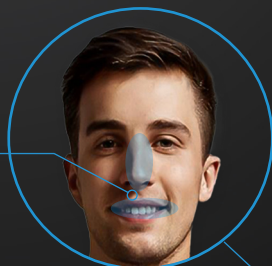
Drug Delivery Device

With the Luer Vial, GEMÜ has developed a modular packaging and application system.

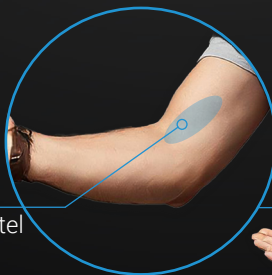
- Simple and user-friendly operation
- Numerous application options thanks to individual spray attachments
- Use of proven plastic materials for primary packaging materials
- Flexible filling quantities



Oral
Nasal



Topical / IV-Beutel



Veterinary



More info here



