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PRESS RELEASE

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New perspectives for media provision in the semiconductor industry

At SEMICON Europa 2026, GEMÜ will be showcasing its product range for the semiconductor industry, ranging from water supply and water treatment to the handling of ultra-pure process media – from individual components to bespoke system solutions.

From 10th to 13th November 2026, GEMÜ will present its product range for the semiconductor industry at SEMICON Europa in Munich. As well as solutions for ultra-pure process media, the company will also showcase products for water supply and water treatment. Other highlights of the exhibition stand include the diaphragm globe valve GEMÜ P35 with a compact footprint and the optimized Nexus Connect® flare connection.

Solutions for different application areas

Semiconductor manufacturing places high demands on the purity, safety and reliability of the components used. In addition to handling demanding process media, water supply and water treatment are also important areas of application. GEMÜ will be presenting solutions for these areas of application at SEMICON Europa. These include, for example, the pneumatically operated diaphragm valve GEMÜ R690. Its flow-optimized high-flow valve body enables high flow rates whilst maintaining a compact footprint. The valve is therefore suitable for a variety of applications in water supply and water treatment. Drawing on many years of experience in water applications, GEMÜ offers a comprehensive range of diaphragm valves, butterfly valves and ball valves. “The requirements for media supply in the semiconductor industry are varied. With our broad product range, we offer solutions for different areas of application – from water supply and water treatment to the handling of ultra-pure media. At SEMICON Europa, we are showcasing this range and highlighting how our technologies contribute to reliable and efficient manufacturing processes,” explains Frederik Trudel, expert and product manager in the Global Strategic Product Management division for Semiconductor & Single Use at GEMÜ.

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GEMÜ P35: Optimized flow capacity for ultra-pure processes

Another highlight of the exhibition stand is the diaphragm globe valve GEMÜ P35. It is based on PD technology and has been developed for demanding applications with high purity requirements. Thanks to its compact design, it can be used even where space is limited. The GEMÜ P35 can be used as a single valve or integrated into multi-port valve blocks GEMÜ PC50. The high Kv values facilitate high flow rates and expand the possibilities for precise control of process media.

Nexus Connect®: Optimized flare connection

Nexus Connect® is an insert-style tube clamp connection developed by Fit-Line Global, which GEMÜ offers as part of its HP product range. With this connection method, a sleeve is also pressed into the tubing. The design of the connection achieves a higher pressure/temperature rating.

Expertise for the semiconductor industry

In addition to the products mentioned, GEMÜ is showcasing further solutions for high-purity applications – ranging from individual components to bespoke, fully integrated system solutions. Drawing on its expertise in materials, many years of practical experience and its own cleanroom manufacturing facilities, GEMÜ develops solutions to meet the diverse requirements of the semiconductor industry and is constantly expanding its product range. From 10th to 13th November 2026, visitors to SEMICON Europa in Munich will be able to find out about GEMÜ's product solutions and discuss them with the company's experts.

GEMÜ at SEMICON Europa 2026
10–13th November 2026
Messe München
Munich, Germany
Hall B1, Stand 718

About GEMÜ

The GEMÜ Group develops and produces valves, measurement and control systems for liquids, vapours and gases. The company is one of the global market leaders in sterile process applications. GEMÜ products are used in many different sectors – from pharmaceuticals, biotechnology and foodstuff production, right up to industrial processes and

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semiconductor production. The business achieved a turnover of more than 500 million euros worldwide in 2025.

The GEMÜ Group employs more than 2500 people and produces at eight locations worldwide. The company manages global sales through 25 subsidiaries and local partners, giving it a local presence in over 50 countries.

The internationally active group is managed by Gert Müller as CEO and Managing Partner, together with Stephan Müller (CFO), Matthias Fick (COO) and Stephan Gehrig (CSMO) as Managing Directors of the GEMÜ Group.

With customer-focused digital services and technical agility, the GEMÜ Group sets standards in process automation. Whether for media flows, the very highest hygiene standards or unique applications – the customer solutions are tailored to requirements, reliable and ready for use.

You can find further information at gemu-group.com.

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