



Because **special** requirements
need **strong** partners®.

„Quality isn't a choice. It's our commitment.“

As Managing Director of ACI Industriearmaturen, it is important to me that our customers can rely on us – both technically and personally. Since our founding in 2008, we have focused on well-thought-out solutions, tested safety, and materials that meet the highest standards.

I am convinced: Quality does not arise by chance, but through precision, experience, and the commitment of a strong team. This is exactly what we stand for at ACI – day after day.

Dirk Göttgens, Managing Director



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ACI – Company Profile

ACI Industriearmaturen GmbH is an owner-managed company based in Jülich, Germany, which has specialized in the development and manufacture of high-quality fittings for industrial process monitoring since 2008. With our experienced team, lean decision-making processes, and uncompromising quality standards, We help our customers from initial consulting to successful Go-Life.

**Customer Proximity
& Flexibility** ✓

**Technical
Excellence** ✓

**Reliability &
Trust** ✓

Tolerance for poor quality

Since its founding, ACI Industriearmaturen has stood for uncompromising quality, precisely manufactured products, and a clear focus on industrial clients with high standards. We develop and supply flow sight glasses, level indicators, and customized solutions for use in applications where failure is not an option. Our products are engineered with attention to detail – driven by experience and shaped by responsibility.

100%

In the world of industrial fittings, precision is not an option – it's a necessity. At ACI, we live this philosophy with every single product. Every glass, every fitting, and every custom-made solution is manufactured with the highest level of accuracy. This attention to detail ensures the reliability our customers expect and value from ACI.

**focus on
precision**

>> learn more about us

Founded
2008
Year

**Numbers
that create
trust**

Since its founding in 2008, ACI Industriearmaturen has developed into a reliable partner for customers around the world. Whether for individual solutions or large projects – our continuous growth reflect the trust our customers place in our work. We serve companies across a wide range of industries, supporting them with high-quality standard products as well as custom-made solutions, technical precision, and personal service. The figures speak for themselves – and for the strength of a company that grows by living its values.

**22.500+
Orders**

**5500+
Customers**

**4
Trading partners**

**1
Location**



**10.000+ Standard products
permanently in stock**

Delivery area

5 Continents

approx. 150 countries

>> learn more about us

A strong team. A clear mission.

Behind every ACI product stands a team with a deep understanding of materials, precision manufacturing, and customer requirements. From the first idea to final inspection, our employees contribute experience, craftsmanship, and a strong sense of responsibility. Thanks to close collaboration across all departments, we act with flexibility, speed, and reliability – even when it comes to highly specific product adaptations or industry-specific requirements.

What sets us apart is not only our technical expertise, but above all our shared commitment: to deliver the highest quality and complete customer satisfaction. Clear communication, short decision-making processes, and real ownership create a working environment

where innovation thrives – and where reliable products are created.

We believe in solution-oriented thinking, open communication, and the idea that trust is the most powerful driver of progress. That's why we foster active exchange between engineering, sales, and management. It's how practical ideas emerge – and lasting solutions are developed.

Every individual in our team takes responsibility, brings unique strengths, and thinks outside the box. The result is not just a finished product – it's the combined effort of many minds working toward one goal.



Applications & industries

Process monitoring is essential across a wide range of industries – and precision matters. With our proven product portfolio of high-quality standard fittings and adaptable variants, we support our partners in achieving safe and efficient process control. Our strength lies in combining reliable, scalable product solutions with the ability to

address specific industry requirements. Backed by decades of application know-how, we are a trusted supplier for demanding environments – today and in the future. By combining standardized products with tailored special solutions, we can respond flexibly to your needs and always guarantee the highest quality.

Energy Industry

Whether conventional or renewable energies – our robust fittings guarantee reliable monitoring of steam and condensate systems even under extreme conditions.

Water Treatment

Clean water is a valuable resource. With our sight glasses and fittings, we support precise monitoring of treatment processes and contribute to sustainable water supply.

Tank & Vessel Construction

Smart all-in-one solutions – perfectly matched components tailored to your specific requirements.

Plant Engineering

Our fittings ensure clear visibility and reliable monitoring – even under high pressure and extreme temperatures.

Chemical & Petrochemical

In the chemical industry, precision and safety are essential. Our fittings ensure reliable monitoring of aggressive media and meet the highest safety standards for sensitive process environments.

Pharma & Biotech

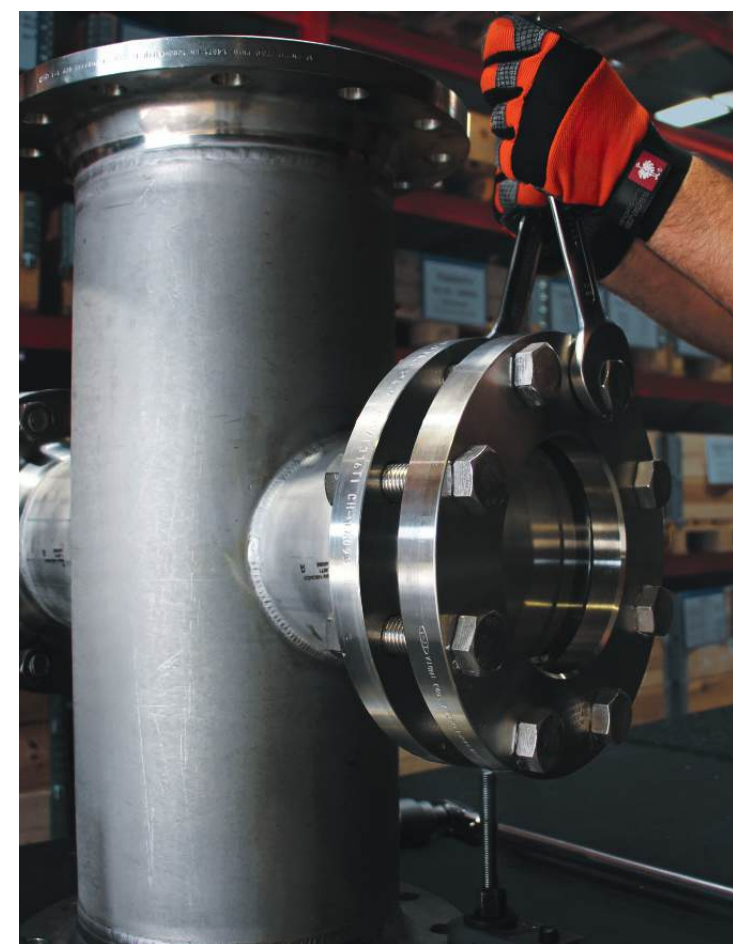
Purity and precision are top priorities in the pharmaceutical industry. Our products meet the strict requirements of the sector and enable contamination-free process observation.





A STRONG STATEMENT FOR A SUCCESSFUL FUTURE

ACI is
ISO 9001:2015
Certified.



As an innovative company, we actively shape the future of industrial process monitoring. With our balanced mix of proven standard products and individual special solutions, we are ideally positioned to meet the growing requirements of our customers. While we continue to expand our strong position in the German market, we are also strategically expanding into new international markets.

Throughout this growth, we remain true to our core values: engineering excellence, premium industrial solutions, and top-notch products for every challenge. With our dedicated team and a unique blend of long-standing experience and forward-thinking innovation, we are building the foundation for sustainable growth – today and in the future.

Certified Safety & Quality

Quality and safety are the cornerstones of our work. As a certified manufacturer of industrial fittings, we meet the highest international standards and regularly undergo strict inspection procedures. This not only ensures maximum operational safety for our customers but also gives them the confidence of working with a reliable and trustworthy partner.

Your advantages at a glance

- ✓ Guaranteed compliance with all relevant safety standards
- ✓ Documented quality assurance in all processes
- ✓ Regular external inspections
- ✓ Ongoing process optimization

Warenzeichenverband Edelstahl Rostfrei e. V.

With the official „Rostfrei“ stainless steel label, we confirm the premium quality of the stainless steel materials we use. This certification stands for the highest material standards and guarantees exceptional corrosion resistance for long-lasting industrial fittings.



Safety that is documented

These certifications are more than just documents – they are our promise to you. A promise we uphold every single day through precise manufacturing, meticulous quality control, and the continuous development of our processes and products.



PED 2014/68/EU

The European Pressure Equipment Directive (PED) is the key standard for safety and quality in the manufacture of pressure equipment. Our certification according to PED 2014/68/EU Module H confirms full compliance with all relevant safety requirements and technical specifications in the design and production of our products.

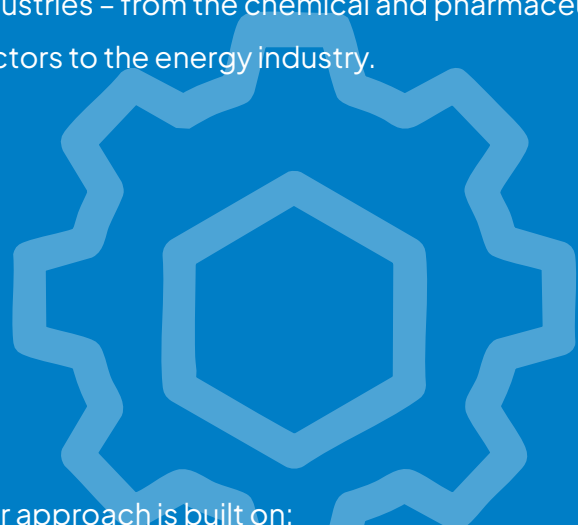
DIN EN ISO 9001

With our certified quality management system in accordance with DIN EN ISO 9001, we ensure consistent quality across all company processes. From development and manufacturing to service – every step follows defined quality standards and is subject to continuous improvement.

Our Strengths

What sets us apart is the perfect synergy between standardized solutions and customized development. With 50 percent of our business in each area, we combine the speed and reliability of off-the-shelf solutions with the precision and performance of application-specific engineering – ideally suited for demanding industries.

What truly makes us unique, however, is the combination of this technical expertise with our personal commitment. Thanks to short decision-making processes and a seasoned team, we respond flexibly to customer requirements and develop tailor-made solutions for a wide range of industries – from the chemical and pharmaceutical sectors to the energy industry.

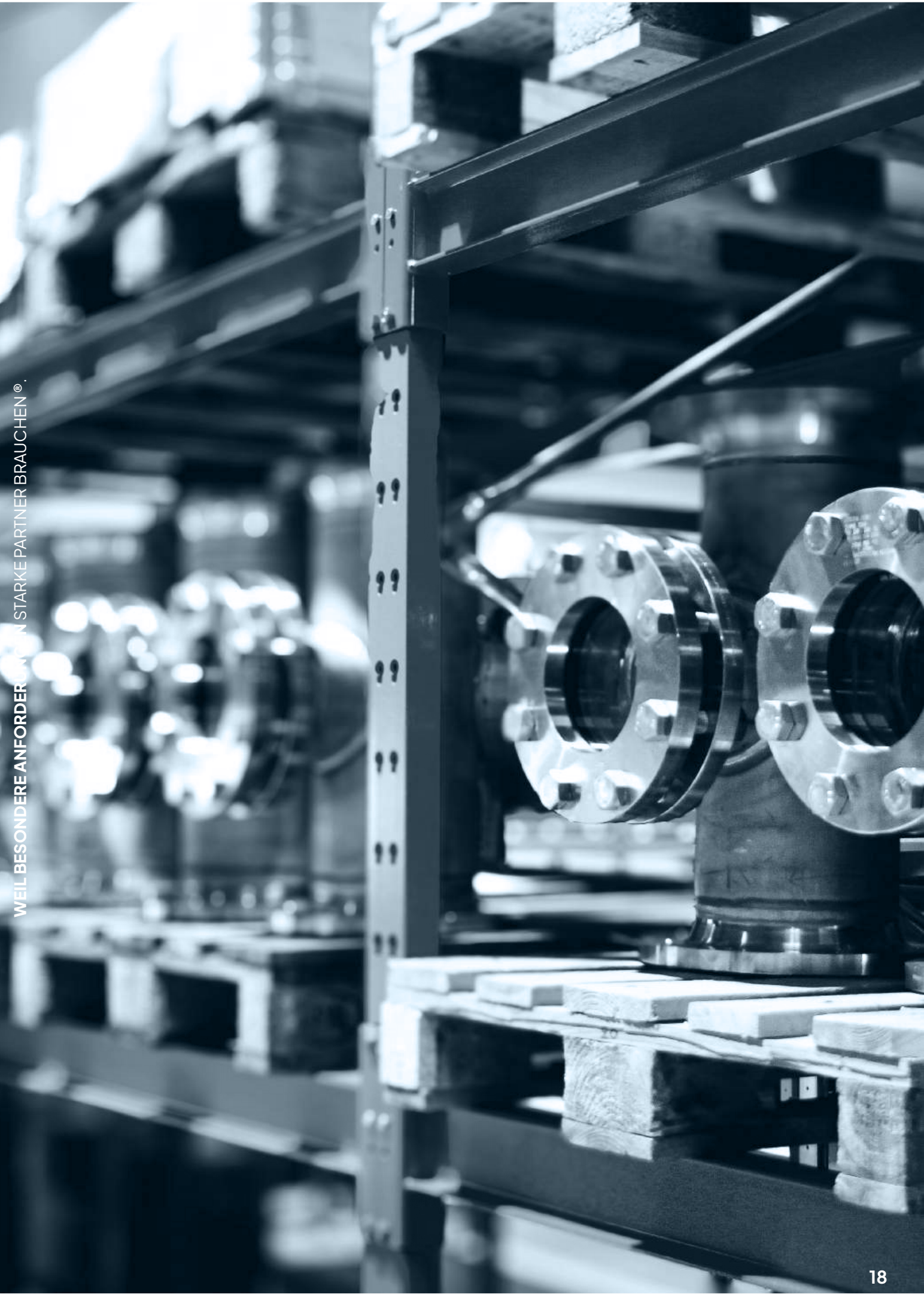


Our approach is built on:

- ✓ The highest quality in development and manufacturing
- ✓ Personal, solution-oriented consultation
- ✓ Flexible and fast implementation
- ✓ High availability
- ✓ Made in Germany

From engineering to the finished product – seamless quality from a single source





**DON'T BE AFRAID
OF BIG TASKS, BECAUSE
UNIMAGINABLE DOES NOT
MEAN IMPOSSIBLE.**

**KEINE ANGST VOR
GROßEN AUFGABEN, DENN
UNVORSTELLBAR HEISST
NICHT UNMÖGLICH.**

Custom Solutions & Projects



Acid Resistance at the Highest Level

Requirement: Basket strainer (DN 200, 10 bar) for aggressive acidic media, capable of retaining particles $\geq \varnothing 4$ mm, certified according to PED 2014/68/EU and AD2000.

Result: Custom welded design made from stainless steel 1.4539 (904L), equipped with novafon® 500 gaskets – ensuring maximum resistance and long-term durability.



As a certified manufacturer according to PED 2014/68/EU Module H, we design and produce high-quality valves and sight glasses. Our many years of experience in customized manufacturing ensure solutions that meet your exact technical requirements.



Level Indication from -29°C to $+320^{\circ}\text{C}$

Requirement: Transparent level gauge for low-temperature applications, with weld-end connection and material certification according to AD2000 W2/W10.

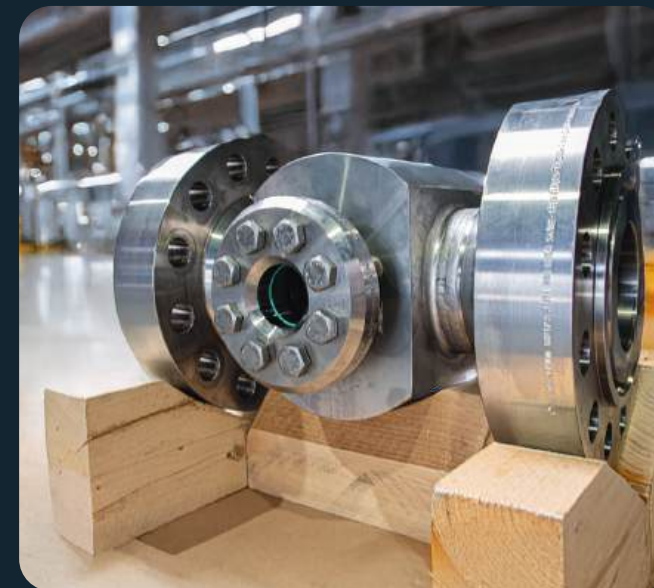
Result: Type 413, made from stainless steel 1.4571 (316Ti) – pressure-resistant, temperature-stable, and specifically designed for demanding process environments.



Extreme Conditions in the Test Lab

Requirement: High-pressure sight glass for up to 250 bar, with 6" Class 1500 RTJ connection, suitable for corrosive media such as CO₂, crude oil, and seawater – designed for harsh operating conditions.

Result: Custom-adapted unit based on Type 520A, manufactured from stainless steel 1.4571, featuring mica protection discs and RTJ sealing. Passed a 72-hour high-pressure test.



Clear View at 800°C

Requirement: Sight glass DN 80 for $+800^{\circ}\text{C}$ hot exhaust gas, non-pressurized, with connection according to DIN EN 1092-1 Form B1 – suitable for existing vessels in plant construction.

Result: Custom Type 326 with heat-resistant stainless steel, quartz glass, and mica-based sealing – engineered for long-term thermal stability and optical clarity in demanding environments.





Reliable Visibility in Extreme Cold

Requirement: Custom tubular sight glasses for -101°C to $+100^{\circ}\text{C}$, 25 bar, with a nearly dead space-free design and certification according to PED 2014/68/EU, Module H – delivered within just 8 weeks.

Result: Precisely manufactured solution with stepped glass in accordance with DIN 7081, optimized sealing systems, and hygienic construction – ready for extreme temperature and pressure conditions.



Manufacturing of High-Pressure Sight Glasses

For a customer in the oil and gas industry, we produced 24 high-pressure sight glasses designed for mounting onto existing 2" 600 Lbs vessel flanges. The units were manufactured using premium stainless steel 316Ti (1.4571) and assembled with borosilicate glass. These sight glasses are perfectly suited for applications with operating pressures up to 100 bar.



Clear view in sugar production

Requirement: Sight glasses in DN 80, DN 150, and DN 200 for up to 16 bar, reliably suited for food processing applications.

Result: Robust stainless steel design (1.4571) with MAXOS glass according to DIN 7080 and food-grade gaskets – ready for reliable operation in sugar production environments.



Reliability for Lithium Processes

Requirement: Sight glass solution for highly alkaline lithium hydroxide, with extended service life and reduced downtime – previously replaced every 6 weeks.

Result: Type 530A with FEP protective liner, borosilicate glass, and ANSI flange connection – chemically resistant, durable, and fully compatible with the existing system.



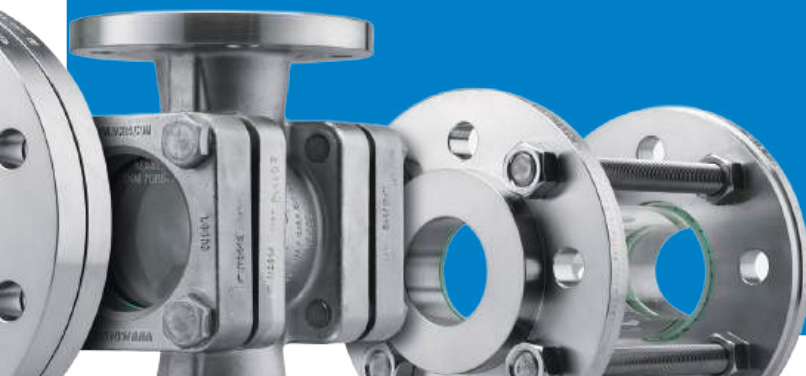
The Product World of ACI Industriearmaturen

Our product portfolio combines years of experience with innovative development. For the monitoring of gaseous and liquid media such as steam, condensate, water, and chemicals, we offer a comprehensive range of high-quality industrial fittings.

Your advantages at a glance

Every plant is unique – just as every customer and every project is important to us. That's why, in addition to our standard range, we also develop customized solutions tailored to your specific needs. With our technical expertise and experience across a wide range of industries, we find the ideal solution for your requirements – from energy and water supply to the food and beverage industry.

- ✓ Certified manufacturing ensures highest quality
- ✓ Comprehensive technical expertise
- ✓ Flexible adaptation to your requirements
- ✓ Short delivery times for standard products



Sight Glasses

Reliable visibility into your processes – our sight glasses enable precise monitoring of fluid levels and process conditions.

Flow Sight Glasses

Optimized process observation in pipelines – designed for the continuous visual inspection of flowing media.

Level Indicators

Accurate level measurement for a wide range of applications – robust, reliable, and low-maintenance.

Basket Strainers

Strainers are industrial fittings typically installed upstream of sensitive valves, pumps, equipment, or instrumentation to protect them from contamination.

Mica Sheets

We supply high-quality muscovite natural mica discs for a wide variety of industrial applications.

Full Product Range

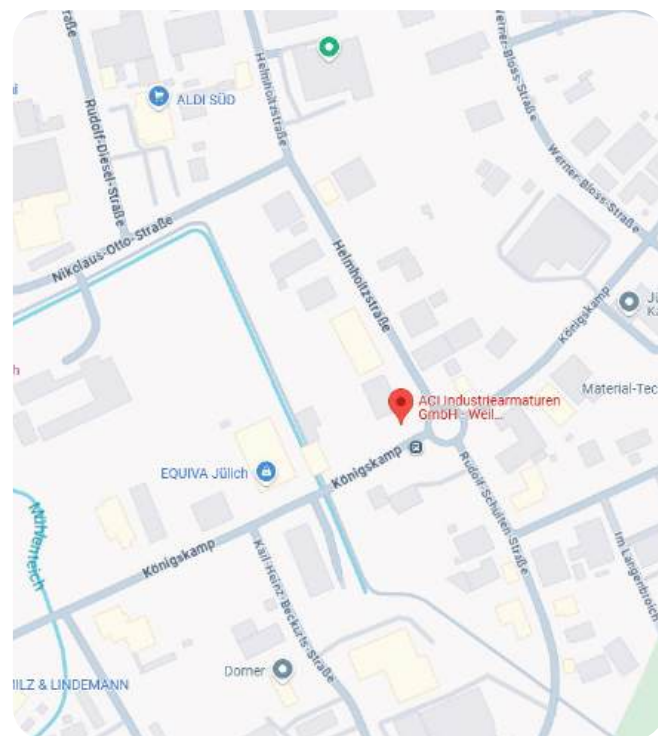
Discover our complete product range at www.aci24.com



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We're here for you – personally

Our team is available Monday to Friday during business hours. Whether you need technical consultation, a quote, or want to discuss your project – we take the time to understand your needs and find the ideal solution.

Frederic Glöde
Technical Sales & Customer Support



ISO 9001
Certified
Quality Management System
www.tuvsud.com/ms-cert

Location & Logistics

From our location in Jülich, we supply customers in Germany, Europe, and almost the entire world. Centrally located in the heart of the Rhineland, we combine fast response times with excellent accessibility – ensuring reliable delivery by rail, air, or sea.

Effiziente Logistikprozesse sind die Basis für eine zuverlässige Zusammenarbeit. Mit unserem durchdachten Logistikkonzept gewährleisten wir:

- ✓ Fast availability of standard products
- ✓ Flexible shipping options
- ✓ Worldwide delivery
- ✓ Professional packaging for secure transport
- ✓ On-time delivery
- ✓ Over 10,000 items available from stock

Service-Highlights



- ✓ Central location in Germany
- ✓ Flexible shipping options
- ✓ Fast response times
- ✓ Personal contact partners
- ✓ International distribution partners
- ✓ Technical expertise



**Your certified partner for safe and precise
process observation. Developed to the
highest standards since 2008 – when quality
and reliability truly matter.**

Since 2008, ACI Industriearmaturen GmbH has stood for German engineering excellence in the field of process observation. As a certified manufacturer under PED 2014/68/EU and DIN EN ISO 9001, we specialize in the development and production of sight glasses for vessels and pipelines. From the chemical industry to the energy sector – our tailored product variants ensure maximum reliability and safety in demanding environments. Benefit from our technical expertise, application know-how, and comprehensive support.

For us, quality is not an option – it is our standard. All components are manufactured exclusively from certified premium materials specifically developed for pressure-bearing systems.

This uncompromising quality strategy, combined with our certifications under PED 2014/68/EU and DIN EN ISO 9001, guarantees maximum operational safety – even under the most challenging conditions.

ACI Industriearmaturen GmbH

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