



邮箱: sales@xrtinstrument.com

地址: XRT Instrument Sales Headquarters (Beijing)

网址: www.xrtinstrument.com

XRT PRODUCT SOLUTIONS

Professionalism Builds Quality
Innovation Leads the Future

XRT INSTRUMENT

About Us

■ Our Company

XRT is a globally recognized china manufacturer of instrumentation, is a professional engaged in all kinds of pressure and temperature instrument design and development, manufacturing and sales in one of the enterprises.

Our reputation is built on high quality products, quick standard lead times, and exceptional customer support. We' re dedicated to providing our customers with complete satisfaction, from the first quote to the design and quality of the instrument they receive.XRT provides both standard and application specific products and is ready and willing to find a solution to all of your temperature and pressure needs.



National Standard Drafting Organization

Qingdao Brand

Top 100 Manufacturing Enterprises in Qingdao

ISO 9001 Certified Enterprise

■ Our Team

Professional Team:

XRT has a team of over 130 employees, including 20 engineers, with more than 80% holding senior professional titles. Our members undergo rigorous training and gain extensive practical experience, ensuring we deliver expert service and support to our clients.

Innovative Strength:

XRT's team is increasingly made up of young professionals who embrace challenges and drive continuous innovation, bringing fresh ideas and inspiration. Our team has successfully led dozens of projects to industry-leading positions and secured multiple patent certifications.

Teamwork and Collaboration:

The XRT team excels in unity and collaboration, believing strongly in the power of teamwork. Over the past 8 years, we've built over 400 sales and service networks and successfully delivered more than 100 large-scale projects, ensuring top quality and timeliness.

XRT INSTRUMENT

■ Our Culture



Customer First

XRT consistently focuses on customer needs, striving to meet their expectations and demands. We regularly conduct customer satisfaction surveys, with 90% of clients expressing high satisfaction with our products and services.



Quality First

Quality is the lifeline of XRT. We have established an advanced quality management system, achieving a product qualification rate of over 99.5%.



Integrity in
Business

Integrity is the cornerstone of XRT. Over the past 8 years, we have maintained a flawless record with no service disputes, earning the trust and respect of our clients.



People First

Employees are the most valuable asset of the company. We place great emphasis on their growth and development, offering extensive training and learning opportunities, and creating a comfortable and safe working environment.

Our Service

■ Our Solutions

Standard Product Sales:

We provide a wide range of pressure and temperature measurement instruments in various models and specifications, tailored to meet diverse industry needs. Our standard products undergo strict quality control and testing to ensure high performance and accuracy, delivering reliable measurement solutions.

Customized Service:

We provide tailored product customization to meet unique client needs. Customers can specify materials, measurement ranges, accuracy levels, and more. Our custom production ensures the final product precisely matches their requirements.

OEM and ODM Services:

As a leading instrument manufacturer, we provide OEM and ODM services. Our robust R&D and production capabilities enable us to offer end-to-end solutions—from design and manufacturing to packaging and branding—customized to client needs. These services help reduce costs, boost market competitiveness, and ensure mutual success.

■ Target Clients

Industrial Enterprises

Industrial Enterprises, including petrochemicals, power and energy, mechanical manufacturing, and food processing sectors, rely heavily on high-precision, stable, and durable instrumentation products. These are essential for continuous operation, safety monitoring, and process control, leading to improved efficiency, reduced failures, and lower maintenance costs.

Research Institutions

Research Institutions, covering disciplines like physics, chemistry, materials science, and biomedical research, focus on the scientific and educational value of instrumentation products. These products must provide high precision, sensitivity, and stability to support research and teaching, driving the translation and application of scientific discoveries.

Equipment Suppliers

Equipment Suppliers / System Integrators, serving automation, environmental protection, medical devices, and automotive sectors, prioritize compatibility, integration, and customization in instrumentation products. These products must integrate seamlessly into their systems, fulfilling varied customer demands and boosting overall performance and market competitiveness.

Distributors / Agents

Distributors / Agents, operating in sectors like industrial automation, environmental monitoring, and medical device sales, prioritize market competitiveness, brand strength, and after-sales support for instrumentation products. These products must have a solid market reputation and fulfill user needs to capture end-customer interest. Full technical support and after-sales services from the manufacturer are essential to ensure smooth sales and customer satisfaction.



■ Why Choose Us



Brand Influence

XRT Instruments has built substantial brand influence in industrial automation, leveraging its technical expertise, superior product quality, and outstanding customer service. By focusing on innovation and R&D, the company's products are widely adopted across various industries, earning widespread customer trust and positive market feedback.



Professional Expertise

XRT's factory features state-of-the-art production equipment and a proficient technical team, guaranteeing all products meet international standards and customer needs. Known for their accuracy and reliability, Xiruite's instruments enjoy a prestigious reputation in the industry, offering effective measurement solutions to various industrial fields.



Comprehensive Certifications

XRT Instruments, renowned for its achievements in industrial automation, has earned multiple industry recognitions and awards. Holding certifications such as ISO quality management, patents, and safety approvals, the company exemplifies excellence in product development, production management, and quality control.



Diverse Product Range

We manufacture pressure gauges, bimetal thermometers, pressure transmitters, Gas regulators, welding cutting torches, RTDs, thermocouples, and related accessories to a variety of process markets worldwide. Xir Instruments supports various customization services to meet specific client needs, ensuring that each product is tailored to the customer's exact requirements.

Commitment to Partnership

■ Superior Quality, Trusted Performance

- All our pressure and temperature instruments are rigorously tested to meet international standards (ISO, KS, etc.).
- Using premium materials and advanced manufacturing, we ensure high precision, durability, and reliable performance.
- Each unit is precisely calibrated for optimal operation in demanding environments.

■ Professional Service, Strict Confidentiality

- Service Support: Pre-sales selection advice, real-time order tracking, and post-sales maintenance and technical support.
- Confidentiality Commitment: Strict protection of customer information and business secrets, backed by signed NDAs to ensure data security.
- Customized solutions tailored to special requirements, with end-to-end confidentiality.



Empowering Your Business Success!
Let's Collaborate for Excellence and Shared Achievements!



■ On-Time Delivery, Efficient Logistics

- Guaranteed timely order delivery with flexible logistics solutions.
- Expedited production and shipping services for urgent needs.
- Optimized inventory management to shorten lead times and meet your deadlines.

■ Collaborate for a Shared Future

- Customer-centric approach, continuously improving products and services.
- Technical training and industry insights to support your growth.
- Committed to building long-term partnerships and creating greater value together.





Gas Regulator



青岛希瑞特自动化设备有限公司
Qingdao XRT Automation Equipment Co., Ltd.

The product images and information provided in this catalog are for reference only. Please refer to the actual products for accuracy. Our company reserves the final right of interpretation for this catalog and its products.

Argon Gas Regulator with Two Flowmeter

Product Description

The Argon Regulator with Double Flow Meters is designed to provide precise control and monitoring of argon gas flow rates. It features two integrated flow meters, allowing for simultaneous regulation of two separate gas streams or the ability to monitor both input and output flows accurately. This regulator is ideal for welding applications, laboratory setups, and industrial processes where accurate gas flow management is critical. Its robust construction ensures reliability and durability in demanding environments.



Specifications	Descriptions
Main Usage	It is suitable for industrial manufacturing, laboratory, MIG/TIG welding and other occasions
Double Flow Meters	Two outputs can be adjusted easily for different uses
Body	The body is forged from high-quality brass. The surface is polished and chrome plated
Cover	The cover is made of high strength zinc alloy, and its surface is chrome plated
Inlet	A built-in patent brass device for gas filtering inside the inlet port increases the filtering area and the filtering efficiency
Flow Regulating Valve	It uses stainless steel valve needle structure and has passed 6000 times switch test
Flow Tube & Shielding	They are made of impact resistant composites
Pressure Gauge	It is equipped with a slow gas hole and can pass 25000 fatigue tests

Argon Gas Regulator with Flowmeter

Product Description

The Argon Gas Regulator with Flowmeter is designed to provide precise control and monitoring of argon gas flow rates. It features an integrated flowmeter that allows for accurate adjustment and measurement of gas flow, ensuring optimal performance in welding, laboratory, and industrial applications. This regulator offers reliable and consistent gas delivery, making it ideal for environments where precision and stability are critical.

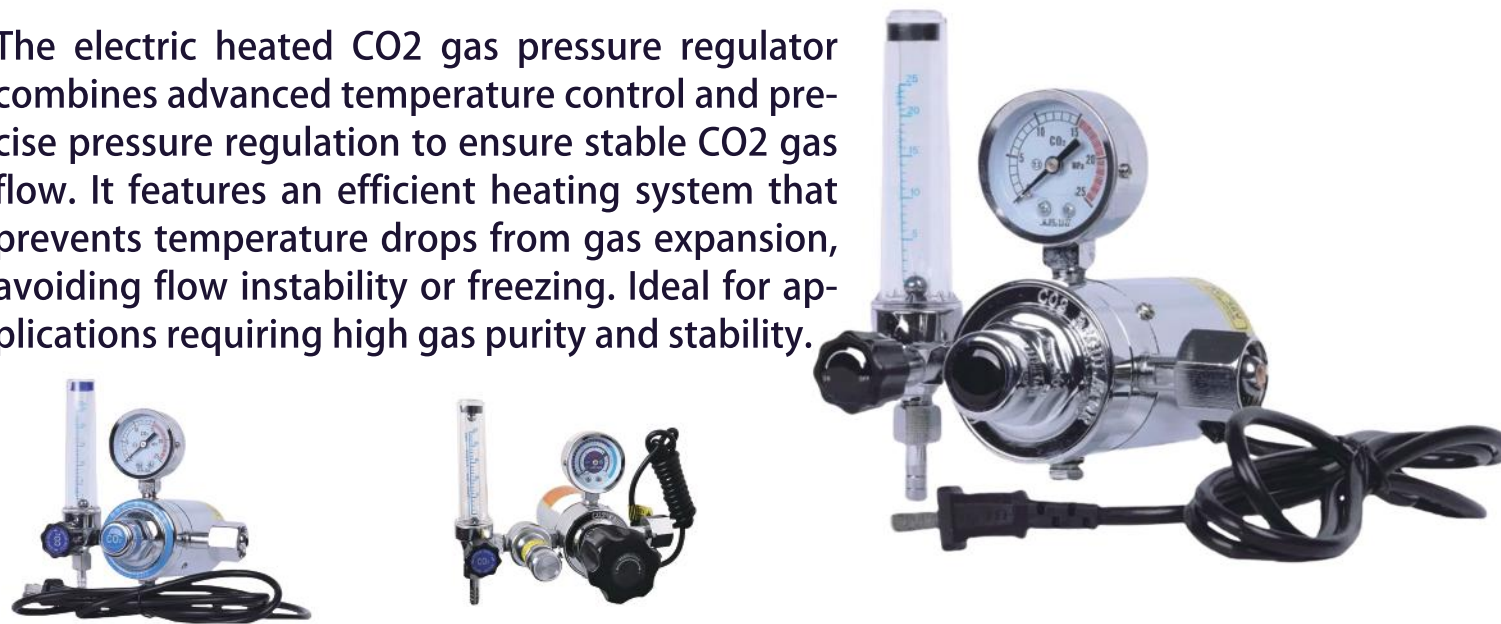


Specifications	Descriptions
Main Usage	It is suitable for industrial manufacturing, laboratory, MIG/TIG welding and other occasions
Body	It is made of high strength Zn-Al alloy
Cover	The cover is made of high strength Zinc alloy, and its surface is chrome plated
Flow Regulating Valve	It uses stainless steel valve needle structure and has passed 6000 times switch test
Flow Tube & Shielding	They are made of impact resistant composites
External	Safety valve with pull ring device, double protection, more safety.
Pressure Gauge	It is equipped with a slow gas hole and can pass 25000 fatigue tests

Electric Heated CO2 Gas Pressure Regulator

Product Description

The electric heated CO2 gas pressure regulator combines advanced temperature control and precise pressure regulation to ensure stable CO2 gas flow. It features an efficient heating system that prevents temperature drops from gas expansion, avoiding flow instability or freezing. Ideal for applications requiring high gas purity and stability.



Specifications

Descriptions

Main Usage

It is suitable for industrial manufacturing, laboratory, MIG/TIG welding and other occasions

Body

The body material is high strength Zn-Al alloy

Cover

It has stainless steel valve needle structure and passed 6000 times switch test

Flow Regulating Valve

The cover is made of high strength zinc alloy, and its surface is chrome plated

Flow Tube &Shielding

It is made of impact resistant composites

Safety Valve

With the pull ring safety valve device, it has double protection for more safer

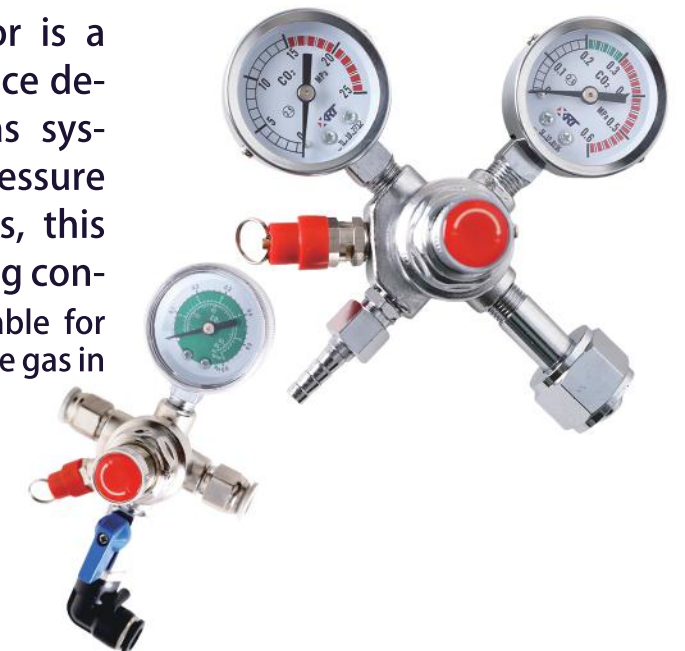
Pressure Gauge

It is equipped with a slow gas hole and can pass 25000 fatigue tests

Filling CO2 Gas Pressure Regulator

Product Description

The 370 Series High Pressure Regulator is a robust and reliable pressure control device designed for managing high-pressure gas systems. Engineered to deliver precise pressure regulation under demanding conditions, this regulator is ideal for applications requiring consistent performance and safety. It is suitable for controlling large flow, medium and high pressure gas in laboratory or industrial manufacturing.



Specifications

Descriptions

Main Usage

It is used in beverage filling soda and beer with carbon dioxide. It can also be used in gas protection, agricultural plant.

Body&Cover

They are forged from high-quality brass. The surface is polished and electroplated. The appearance is elegant.

Safety Valve

With a pull ring safety valve device, it has double protection and is more safe to use.

Inlet Port

The adjustment handwheel is lighter and safer. And there is a built-in patent brass device for gas filter-

Pressure Gauge

It is equipped with a slow gas hole and can pass 25000 fatigue test.

Gas Regulator for Physical and Chemical Analysis

Product Description

Gas Regulator for Physical and Chemical Analysis is a precision device designed to provide stable and accurate gas pressure control, essential for reliable analytical results. It ensures consistent gas flow and pressure, critical for the performance of analytical instruments in laboratories. This regulator supports a wide range of gases and applications, offering high sensitivity and stability, making it indispensable for precise physical and chemical analyses.



Specifications	Descriptions
Main Usage	With a single-stage structure, it is suitable for laboratory medium pressure input requirements, standard gas, high-purity gas and other gas pipeline systems.
Material	Body: nickel plated brass, SS316L Valve seat: SS316L Diaphragm: SS316L
Structure	Metal diaphragm increases the service life of the regulator and makes it easier to operate. Chrome plated adjusting handwheel with superior quality. With Fine thread adjusting screw, the regulator has a high precision of pressure control. It can be mounted on a panel. There is a built-in patent brass device for gas filtering inside the inlet, which can filter impurities in gas. The case of the pressure gauge is made of stainless steel 304. For the wet parts, there are two materials to choose from: one is brass and copper; the other one is stainless steel 304 or 316. Leakage rate is lower than 2×10^{-8} atm.cc/set He.

Gas Regulator for General Analysis Industry

Product Description

Gas Regulator for General Analysis Industry is a precision-engineered device designed to deliver stable and accurate gas pressure control, essential for the reliable operation of analytical instruments. It ensures consistent gas flow and pressure, which are critical for maintaining the integrity of analysis results across various industries. Suitable for a wide range of gases, this regulator offers high stability and sensitivity, making it ideal for general analytical applications where precision and dependability are paramount.



Specifications	Descriptions
Main Usage	It is suitable for laboratories, factories and other non corrosive gas occasions with medium flow control requirements.
Material	Body: Nickel plated brass Valve seat: Brass Diaphragm: Fluorine rubber
Structure	Fluorine rubber diaphragm increases the service life of the regulator and makes it easier to operate. Chrome plated adjusting handwheel with superior quality. With Fine thread adjusting screw, the regulator has a high precision of pressure control. It can be mounted on a panel. There is a built-in patent brass device for gas filtering inside the inlet, which can filter impurities in gas. The case of the pressure gauge is made of stainless steel 304.

591 Series High Pressure Regulator

Product Description

The 591 Series High Pressure Regulator is equipped with a piston-type decompression structure, making it ideal for applications requiring high-pressure input and medium flow output while ensuring a stable output pressure. This makes the regulator particularly suitable for environments where precise control over gas pressure is essential.



Specifications	Descriptions
Main Usage	With a piston type decompression structure, it is suitable for high-pressure input, high-pressure medium flow output, and its output pressure is stable.
Material	Body: nickel plated brass or Brass primary color Cover: nickel plated brass or Brass primary color Valve seat: SS316L
Structure	With a piston type decompression structure, it is easy to operate. It's forged from high-quality brass. It can be mounted on a panel. There is a built-in patent brass device for gas filtering inside the inlet, which can filter impurities in gas.

370 Series High Pressure Regulator

Product Description

The 370 Series High Pressure Regulator is a robust and reliable pressure control device designed for managing high-pressure gas systems. Engineered to deliver precise pressure regulation under demanding conditions, this regulator is ideal for applications requiring consistent performance and safety. It is suitable for controlling large flow, medium and high pressure gas in laboratory or industrial manufacturing.



Specifications	Descriptions
Main Usage	It is suitable for controlling large flow, medium and high pressure gas in laboratory or industrial manufacturing
Body & Cover	They are forged from high-quality brass. The surface is polished
Cover Structure	High - quality polyurethane diaphragm and natural rubber diaphragm are optional. With high-purity stainless steel spring, the pressure is more stable and easier to control
Inlet Port	There is a built-in patent brass device for gas filtering inside the inlet, which increases the filtering
Pressure Gauge	It is equipped with a slow gas hole and can pass 25000 fatigue tests