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BOKES COMPANY BROCHURE

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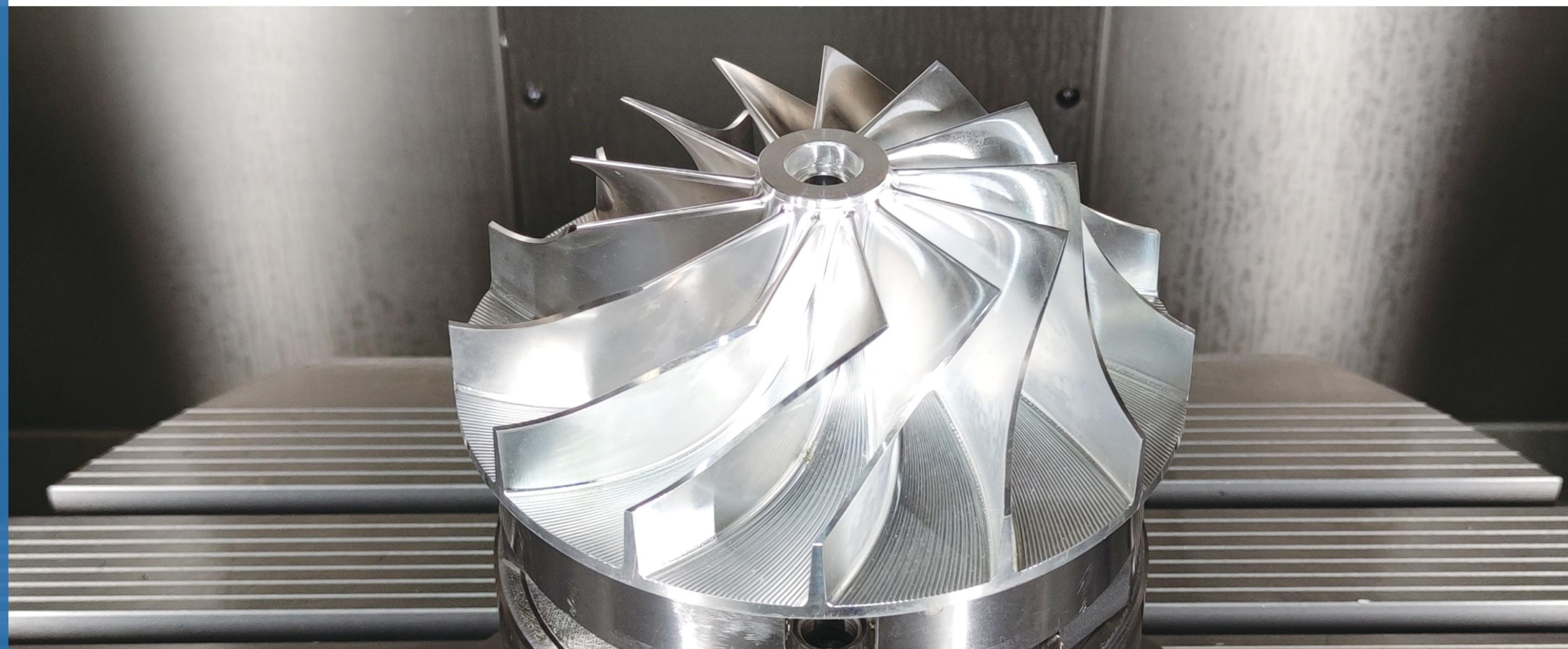
The Bokes brand was established in 2001 and focuses on the R&D and design of instrumentation, maglev equipment, smart water services, and IoT platform technologies, and provides customers with high-quality technical solutions.

In terms of instrumentation, we provide process and automation solutions for flow, level, pressure, analysis, temperature, data acquisition and communication, and process optimization.

Our magnetic levitation equipment products include magnetic levitation blowers, maglev compressors, maglev vacuum pumps, maglev heat pump units and other series. .

Smart water uses technologies such as the Internet of Things, smart sensing, cloud computing, and big data to intelligently manage water supply, drainage, water conservation, sewage treatment and other water links, and improves water informatization through sensors, network communications, and information systems. The intelligent level realizes the coordination of water management, the efficient utilization of water resources and the convenience of water services.

WuLin.com is a direct sales platform for industrial products, while providing high-quality "micro" networking services and information management for customers' equipment.



科技让环境更美

科技让能源延续

Technology makes environment better and makes energy sustainable

ENVIRONMENTAL PROTECTION AND MONITORING

Environmental protection instrument series products have strong environmental adaptability and use industrial-grade chips to improve instrument reliability and measurement accuracy. The company has strong technical force, sophisticated instruments and equipment, advanced production technology, and a complete quality assurance system. It insists on innovating and constantly provides new instruments with advanced technology and high quality.

MAGNETIC LEVITATION TECHNOLOGY AND APPLICATION

We have united professional scientific research institutions, doctoral supervisors, and scientific research teams in the field of magnetic levitation technology, and through countless experiments, we have independently developed a series of magnetic levitation technology products, including but not limited to magnetic levitation centrifugal blowers, magnetic levitation compressors, and magnetic levitation technology. Vacuum pump etc.

SMART WATER AND FLUID TRANSMISSION AND CONTROL TECHNOLOGY

Smart water affairs uses technologies such as the Internet of Things, smart sensing, cloud computing, and big data to intelligently manage water supply, drainage, water conservation, sewage treatment and other water affairs links, and improves the informatization and intelligence of water affairs through sensors, network communications, and information systems. level, to achieve synergy of water management, efficient utilization of water resources and convenience of water services.

Development path

2023

Jiangsu Bokes Water Technology Research Institute Co., Ltd. was established

As of 2023, the cumulative registered capital of Bokes Enterprise Group has exceeded 190 million, imported 4 world-class high-end operation equipment, 16 member institutions of Bokes Business Group, with business and R&D institutions in many places across the country, and members of Bokes Group Institutions and strategic investment institutions. Cumulatively serving more than 100,000 corporate and organizational customers.

2022

Breakthrough technology, 8kg magnetic levitation compressor successfully rolled off the production line.

Jiangsu Box Technology Co., Ltd. won the title of Jiangsu Province Four-Star Cloud Enterprise.

2021

Jiangsu Bokes Technology Co., Ltd. won the title of National High-tech Enterprise.

Jiangsu Bokes Technology Co., Ltd. won the title of Jiangsu Provincial Enterprise Technology Center

JThe enterprise technology center refers to the technology R&D and innovation institution established by the enterprise according to the needs of market competition. It is responsible for formulating enterprise technological innovation plans, carrying out industrial technology research and development, and creating and applying intellectual property rights. It establishes a technical standard system, gathers and trains innovative talents, builds a collaborative innovation network, and promotes The entire process of technological innovation is implemented.

-Jiangsu Bokes Technology Co., Ltd. won the title of Jiangsu Province Specialized, Special and New Little Giant Enterprise

The small giant enterprise that specializes in new technologies is a leader among small and medium-sized enterprises that specialize in new technologies. It is a pioneer enterprise that focuses on market segments, has strong innovation capabilities, has a high market share, masters key core technologies, and has excellent quality and efficiency.

-4kg magnetic levitation compressor successfully installed.

2020

The Nanjing Research Institute was established, marking that BOKES Group has officially entered the field of fluid transmission and control technology.

The first independently developed 75Kw magnetic levitation centrifugal blower officially rolled off the production line.

Bokes brand water quality online monitoring system products were included in the national water conservancy system outstanding product bidding key recommendation catalog.

The first independently developed ultrasonic electromagnetic flowmeter successfully rolled off the production line

The first self-developed ultrasonic four-channel water meter successfully rolled off the production line

2019

The company-wide joint-stock reform

Jiangsu Bokes Technology Co., Ltd. won the title of Gazelle Enterprise in Jiangsu High-tech Industrial Development Zone

Established the group's new sub-brand Wulin net.

2018

Won the title of Service-Oriented Manufacturing Demonstration Enterprise in Jiangsu Province

The first self-developed 75KW magnetic levitation motor successfully rolled off the production line

2017

Established the group's new sub-brand "CITIC Hongye"

CITIC Hongye is composed of multiple business segments to optimize our market strategy and provide a solid foundation for internal business growth and external development and mergers.

2016

Established Dalian R&D center

Bokes Group strategically invests in Mingci Technology (Dalian) Co., Ltd., officially entering the field of magnetic levitation technology and applications Dalian production base officially put into use

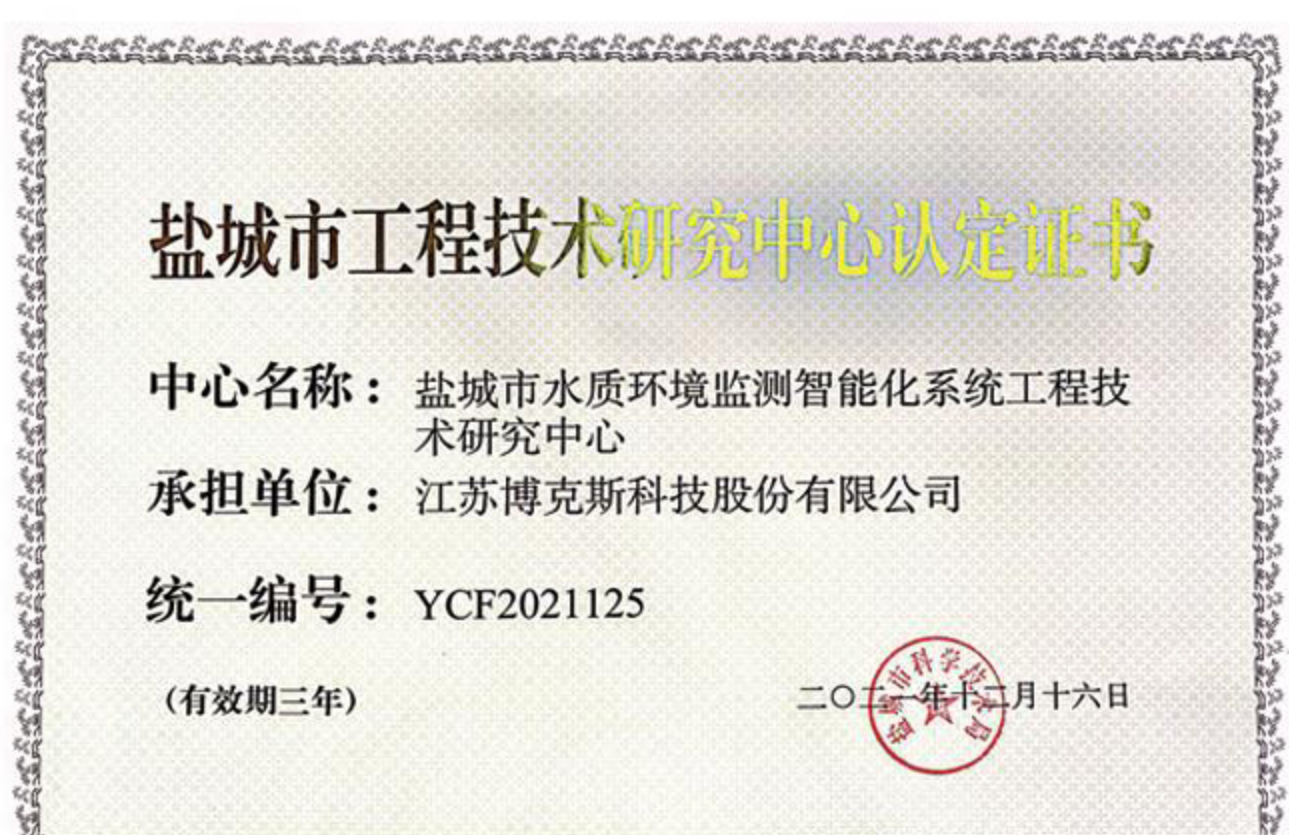
2008

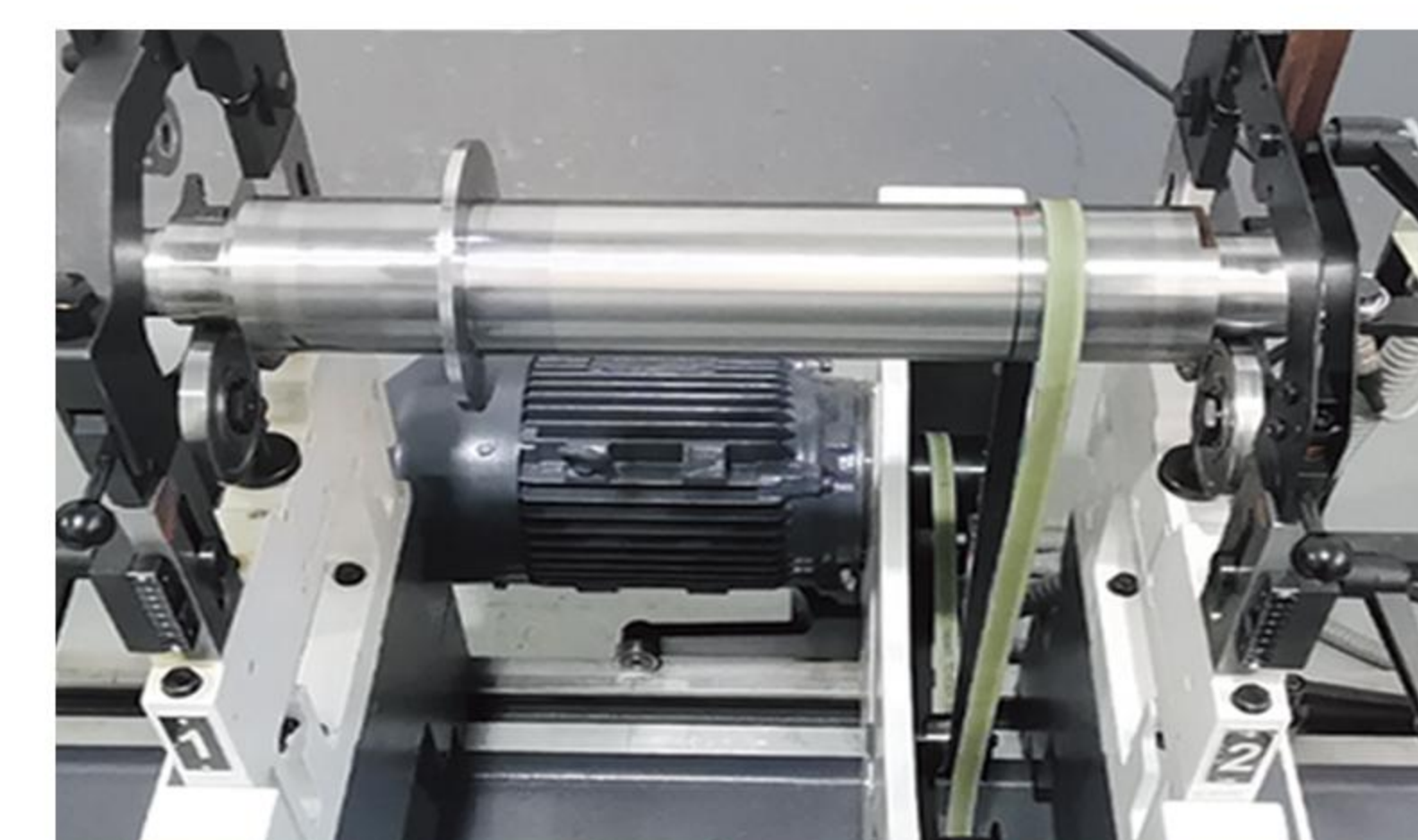
Bokes water quality monitoring instrument' s own main board was successfully developed

Environmental protection and monitoring series products are officially put on the market"

2001

BOKES brand start





ENVIRONMENTAL PROTECTION AND MONITORING

Product series: analytical instruments, monitoring instruments, digital electrodes, flow level instruments, and data acquisition and transmission instruments.



Online monitoring of wastewater from industrial pollution sources

Online monitoring of industrial process water

Online monitoring of water quality at the entrance and exit of municipal sewage treatment plants



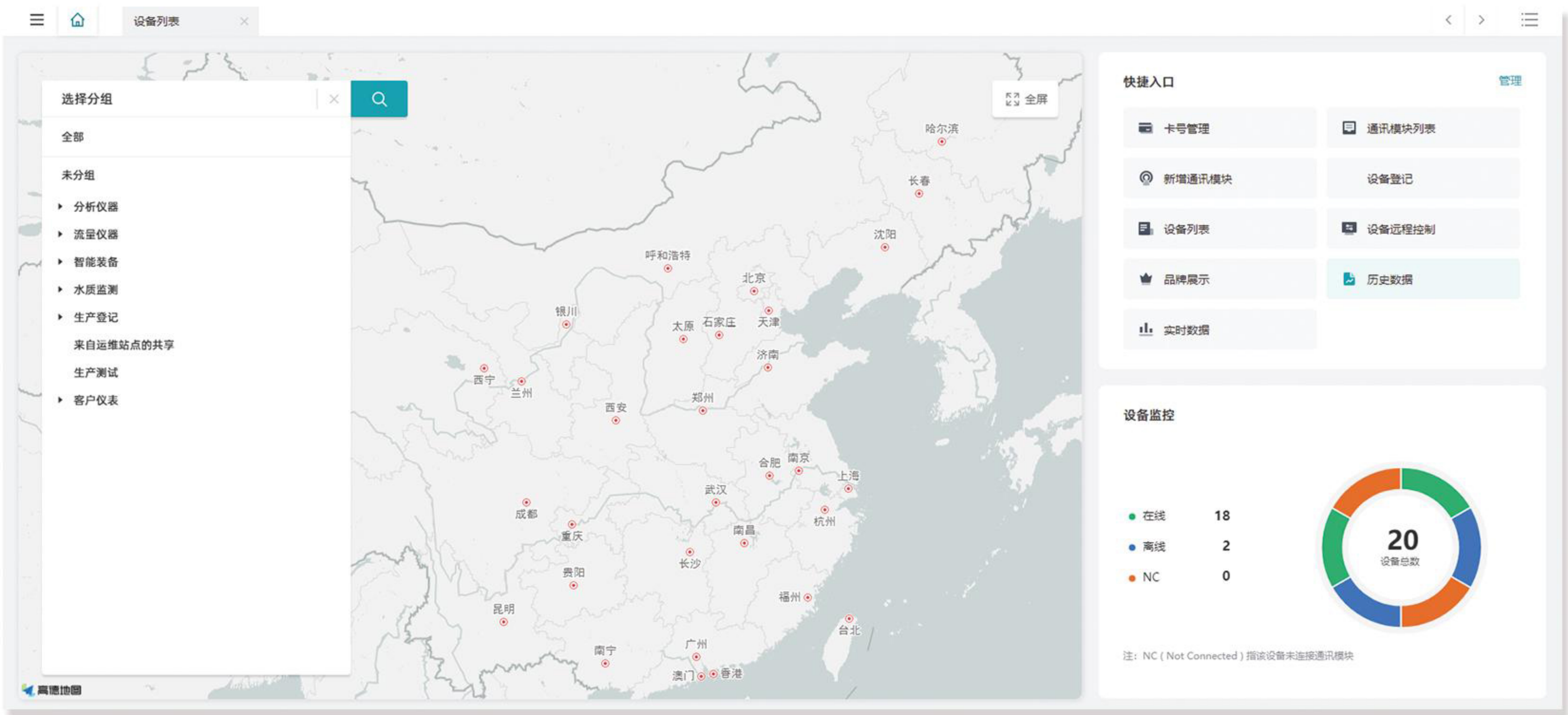
Analytical instrument series

- pH meter
- ORP instrument
- conductivity meter
- Coated electrode dissolved oxygen meter (film method dissolved oxygen)
- fluorescence dissolved oxygen
- Turbidity meter (ultra-low turbidity, low turbidity, high turbidity)
- Photoelectric sludge concentration meter
- Suspended solids sludge concentration meter
- Ultrasonic mud-water interface meter
- Residual chlorine analyzer
- Salinometer
- transparency meter
- UV method COD analyzer
- Electrode method ammonia nitrogen analyzer



Monitoring instrument series

- CoDcr water quality online automatic monitor
- Ammonia nitrogen water quality online automatic monitor
- Total phosphorus water quality online automatic monitor
- Total nitrogen water quality online automatic monitor
- Permanganate index water quality online automatic monitor
- Hexavalent chromium water quality online automatic monitor
- Total chromium water quality online automatic monitor
- Copper ion water quality online automatic monitor
- Total copper water quality online automatic monitor
- Total nickel water quality online automatic monitor
- BOD water quality online automatic monitor
- Total silver water quality online automatic monitor
- Total zinc water quality online automatic monitor
- Nitrate and nitrogen water quality online automatic monitor
- Phosphate quality online automatic monitor
- Nitrite nitrogen water quality online automatic monitor
- Conventional five-parameter analyzer
- Integrated electrode method multi-parameter water quality online monitor
- Water quality proportional automatic sampler
- Multi-parameter water quality online monitor



Online monitoring and control platform

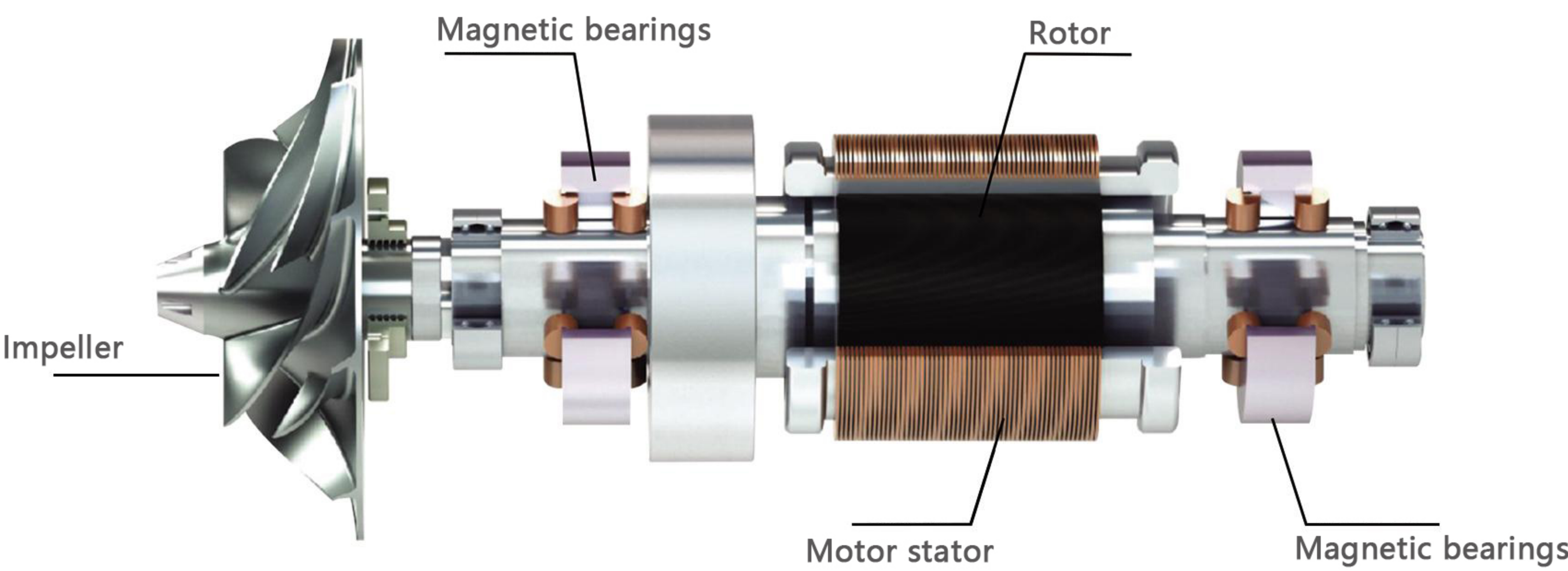
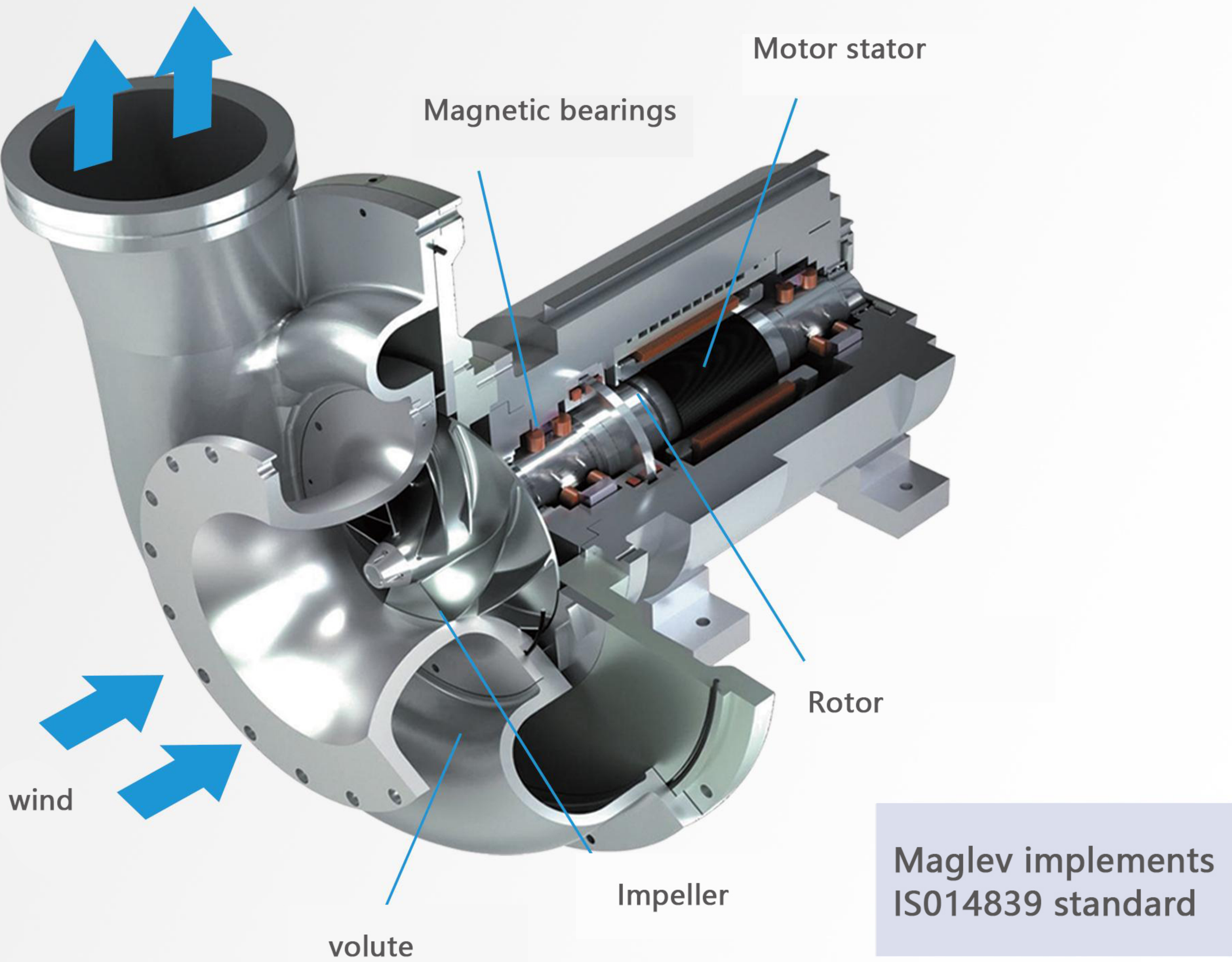


Digital electrode series

- Digital pH electrode
- Digital ORP electrode
- Digital conductivity electrode
- Digital dissolved oxygen electrode
- Fluorescence dissolved oxygen sensor
- Turbidity meter sensor (low turbidity)
- Turbidity meter sensor (high turbidity)
- Photoelectric sludge concentration meter sensor
- Residual chlorine analyzer
- UV method COD sensor
- Electrode method ammonia nitrogen sensor

MAGNETIC LEVITATION TECHNOLOGY AND APPLICATION

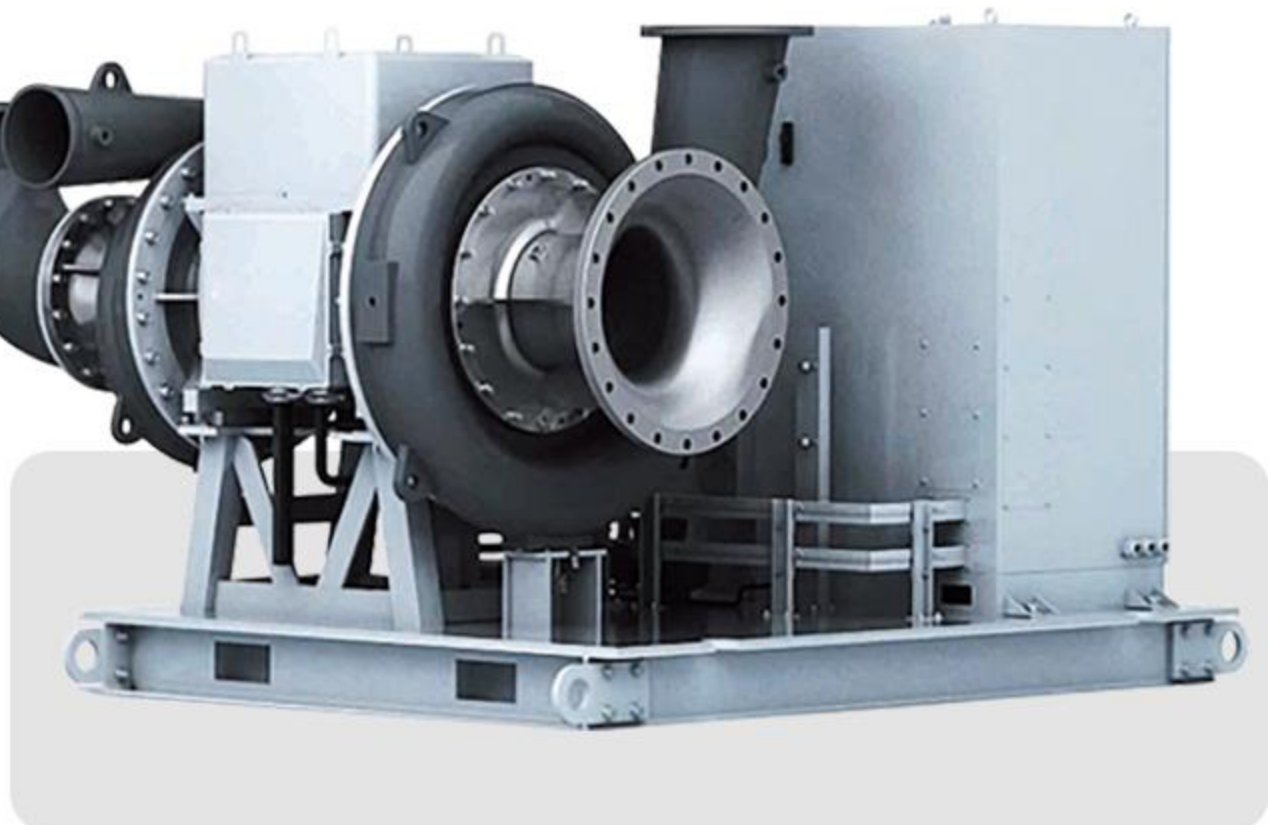
Product series: magnetic levitation blower, magnetic levitation compressor, magnetic levitation vacuum pump.



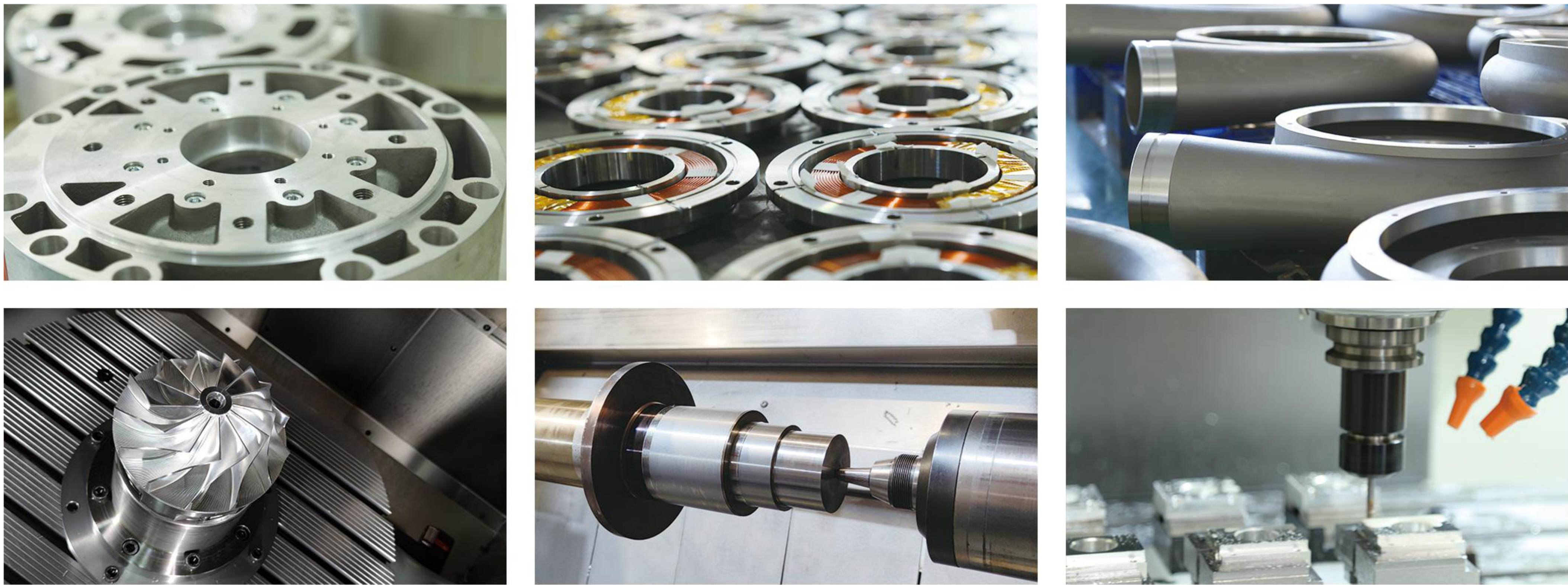
Magnetic levitation blower series
The fan is designed with "electrical, mechanical and electronic" integrated technology, including the pneumatic unit of the three-dimensional flow impeller and volute, the high-speed frequency converter, the magnetic levitation motor drive unit, the central control unit for motor suspension control and fan operation control.
型号: MSC-15, MSC-18.5, MSC-22, MSC-30, MSC-37, MSC-45, MSC-55, MSC-75, MSC-90, MSC-110, MSC-132, MSC-160, MSC-185, MSC-200, MSC-220, MSC-250, MSC-280, MSC-300, MSC-315



Magnetic levitation compressor series
The compressor adopts magnetic levitation high-speed drive technology to achieve 100% oil-free compressed air supply, eliminating all possible risks related to lubricating oil and silicone contamination. It is designed and manufactured to give compressed air users complete peace of mind, delivering 100% oil-free clean air.

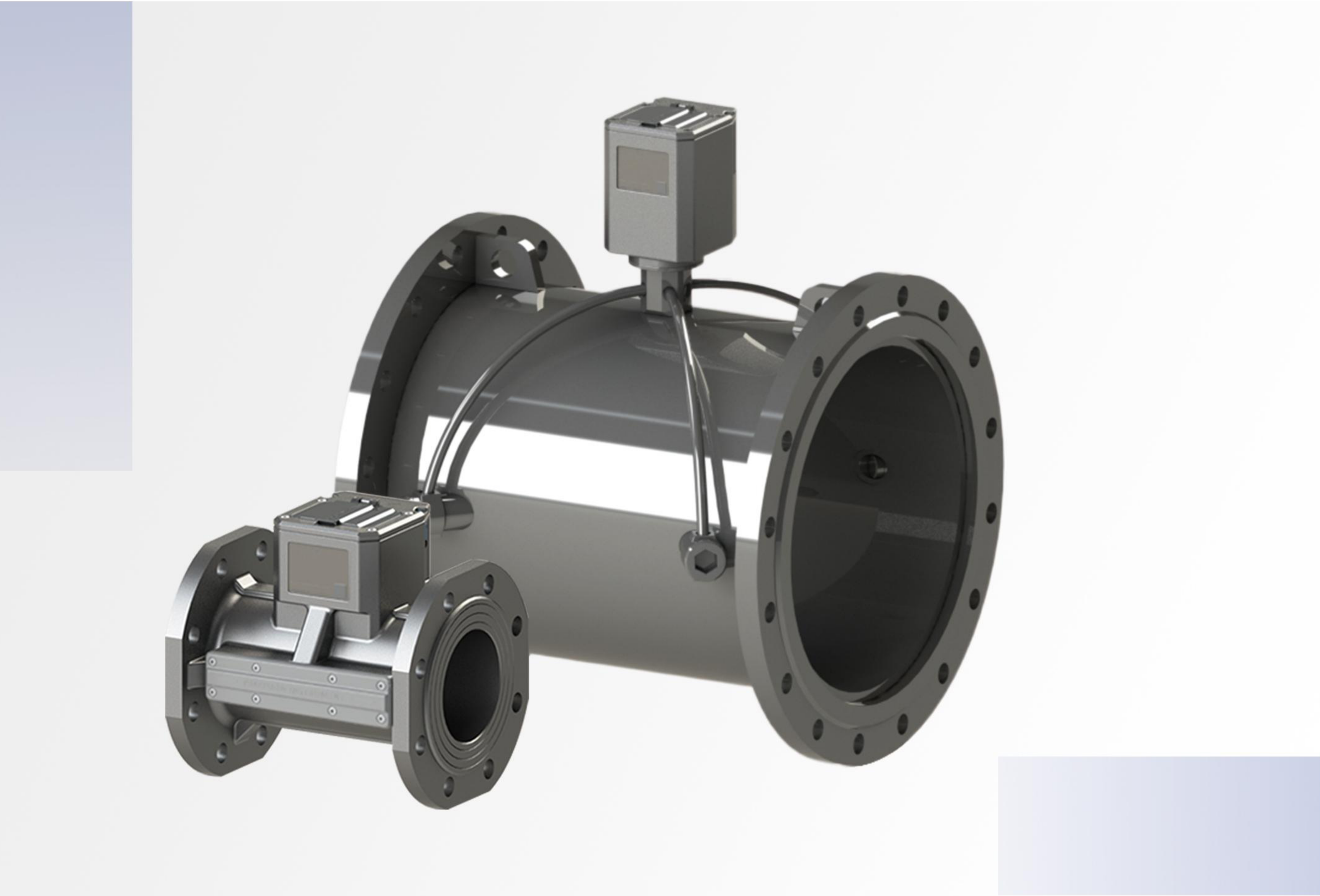


Magnetic levitation vacuum pump series
The magnetic levitation vacuum pump is an intelligent turbine equipment developed based on magnetic levitation bearing technology, high-speed permanent magnet motor technology, high-frequency vector frequency conversion technology and efficient fluid machinery technology. It saves 30-70% energy and 100% water than traditional equipment. It is widely used in the papermaking industry. Energy-saving transformation of vacuum dehydration process.

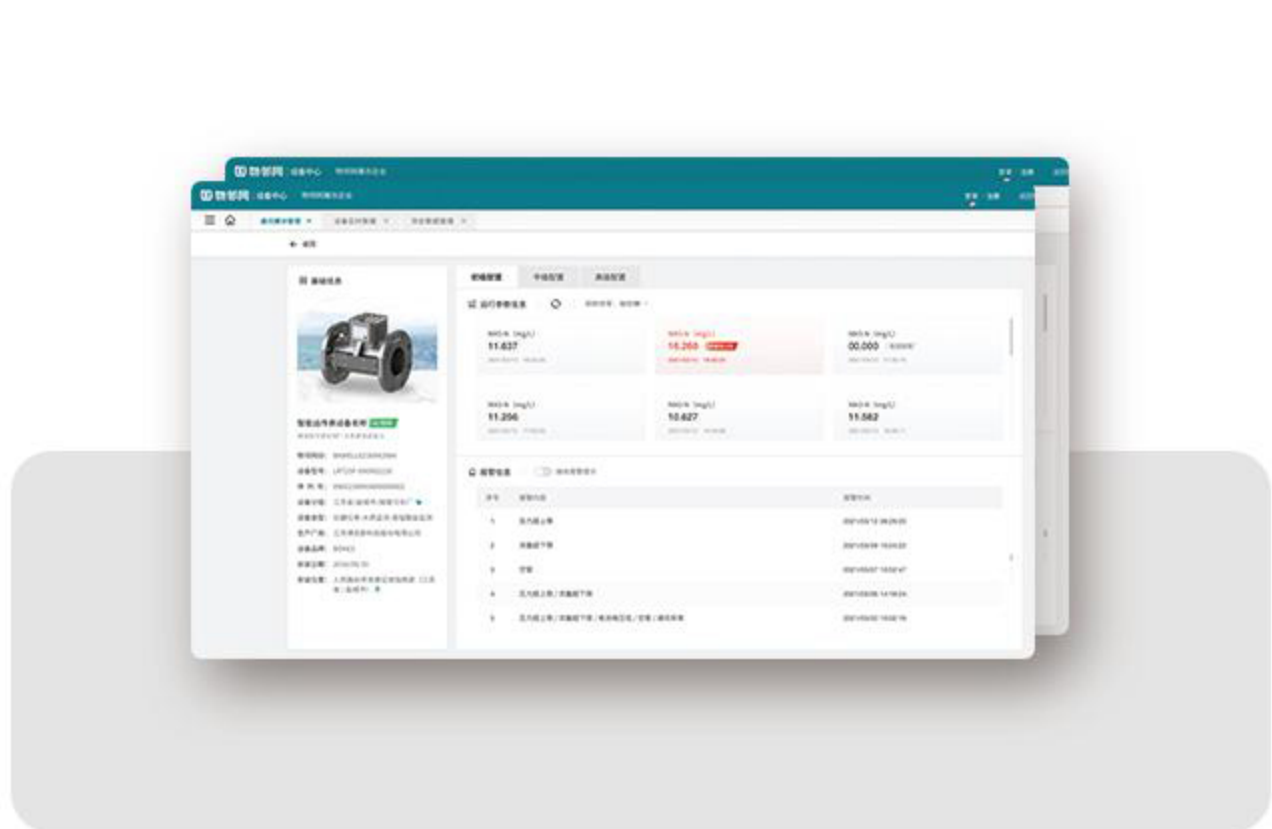


SMART WATER AND FLUID TRANSMISSION AND CONTROL TECHNOLOGY

Product series: electromagnetic flowmeter/water meter, ultrasonic flowmeter/water meter, DMA zone metering, water affairs software platform.



Electromagnetic flowmeter series



Water online platform



Integrated electromagnetic flowmeter series neoprene lining, polytetrafluoroethylene lining



Split electromagnetic flowmeter series neoprene lining, polytetrafluoroethylene lining

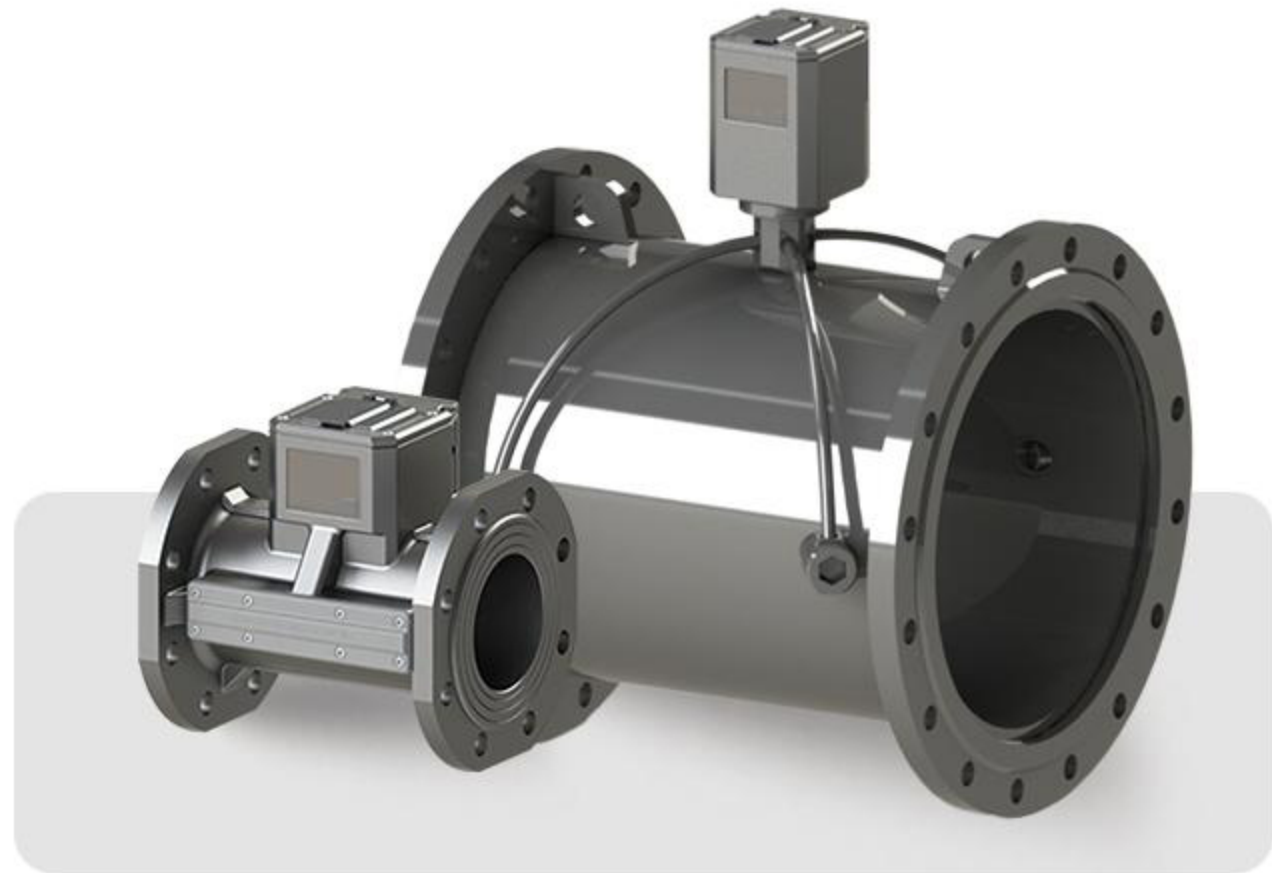
Electromagnetic flowmeter series



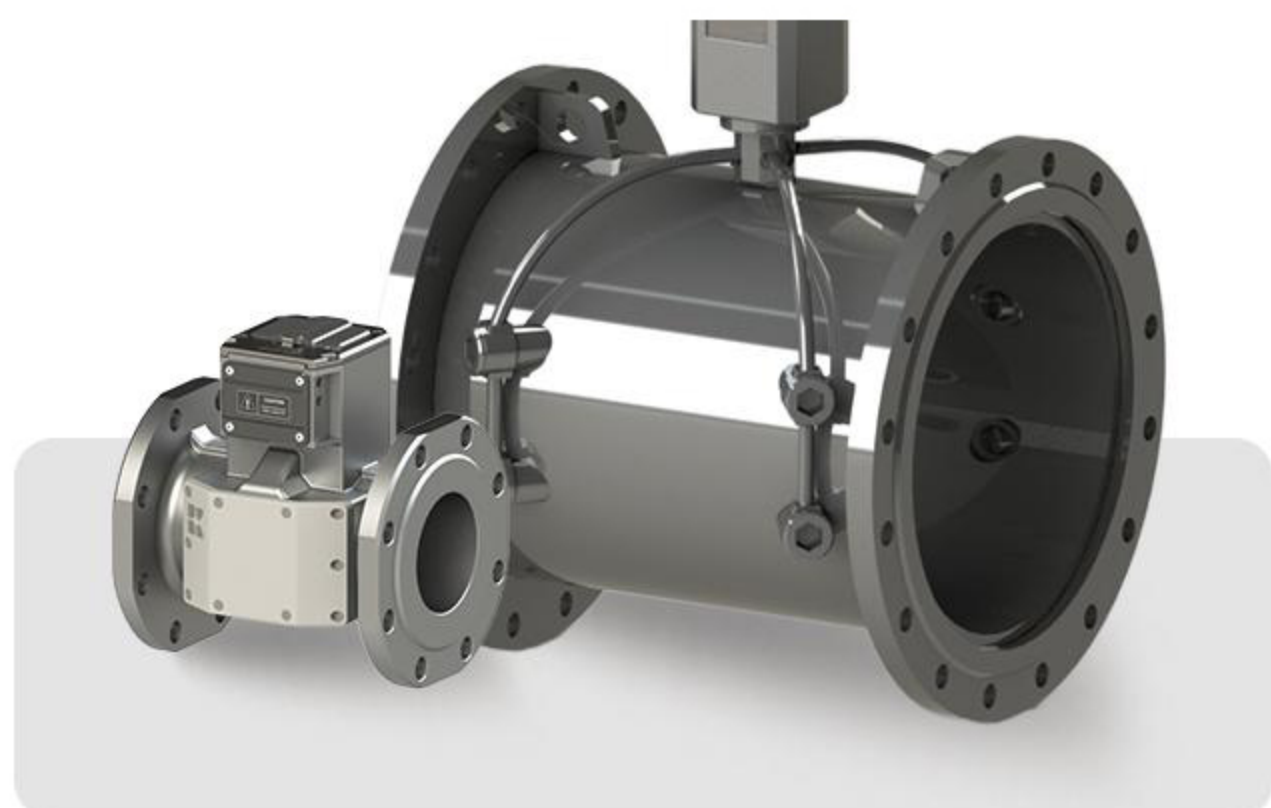
Household meter ultrasonic water meter series
Intelligent series (DN15~DN40)
Valve control series (DN15~DN40)



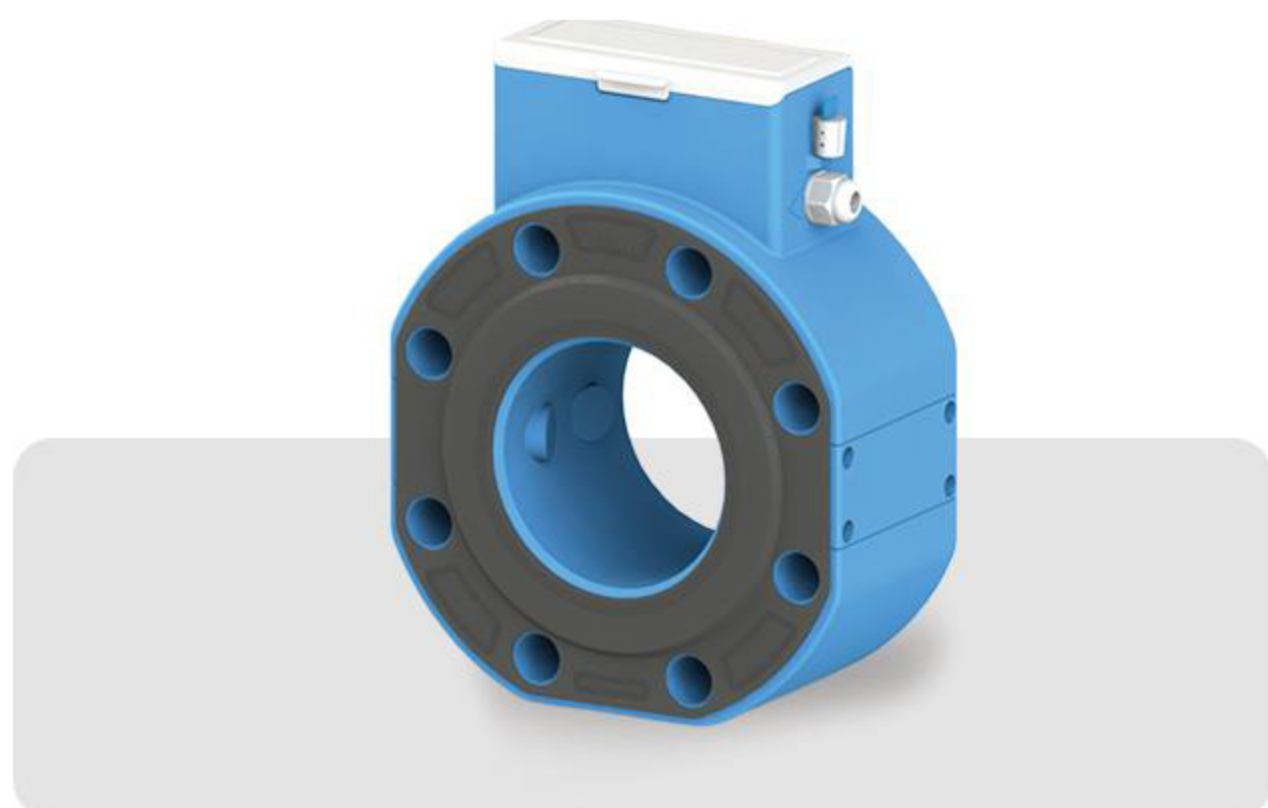
Mono ultrasonic water meter series
Carbon steel series (DN15~DN1200)
Stainless steel series (DN15~DN1200)



Two-channel ultrasonic water meter series
Carbon steel series/ductile graphite series (DN40~DN1200)
Stainless steel series (DN40~DN1200)
Stainless steel casting series (DN40~DN300)



Four-channel ultrasonic water meter series
Carbon steel series (DN40~DN1200)
Stainless steel series (DN40~DN1200)
Stainless steel casting series (DN40~DN300)



Card type ultrasonic water meter series
Card type (DN40~DN150)

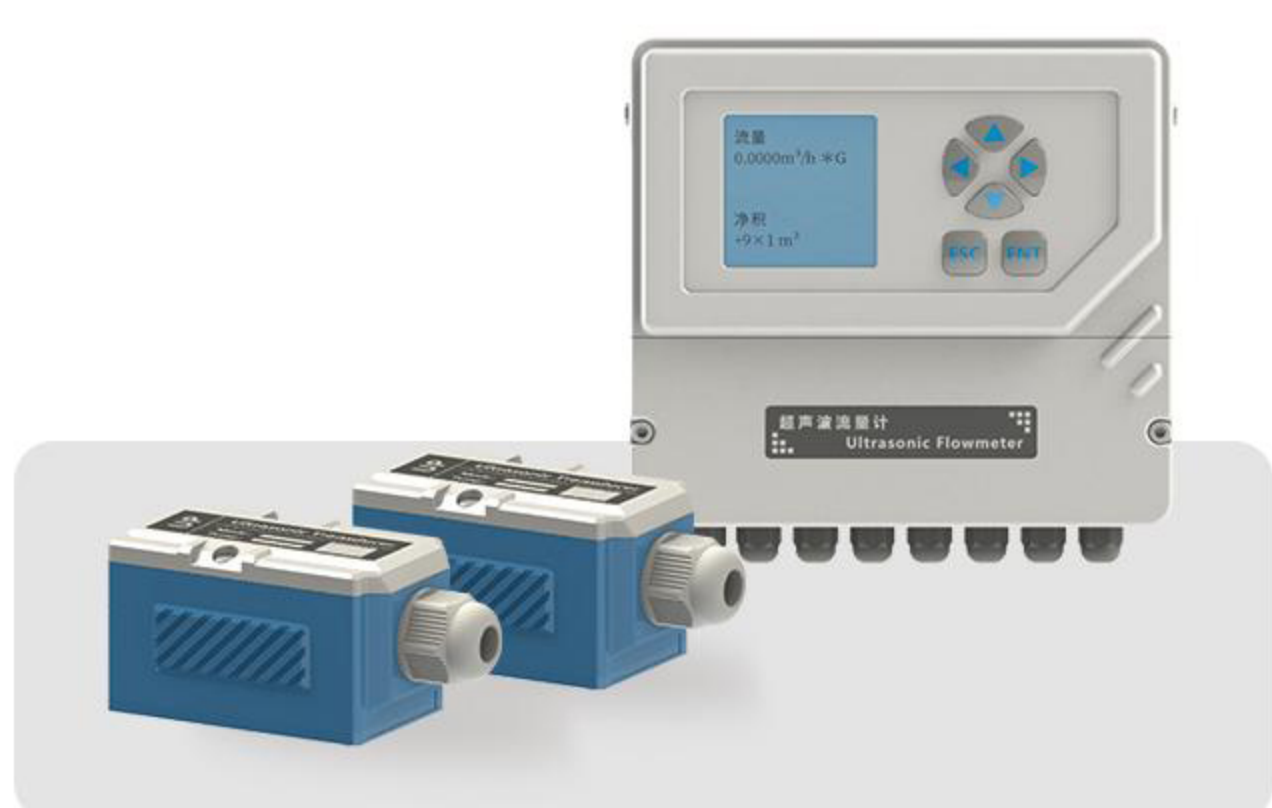
Ultrasonic flow meter series



Pipe segment ultrasonic flow meter series
Wall-mounted, fixed
(Optional mono, two-channel, four-channel)



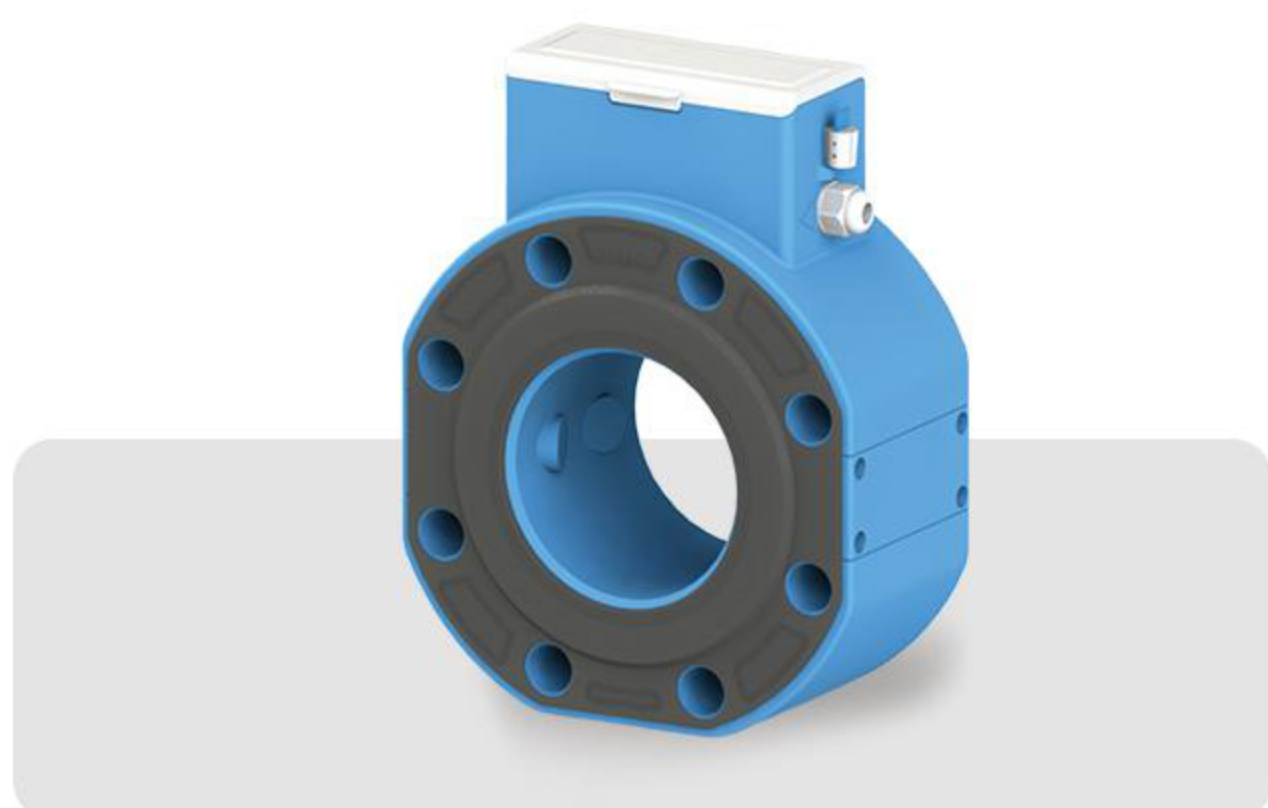
Insertion type ultrasonic flow meter series
Wall-mounted, fixed
(Optional mono, two-channel, four-channel)



External clip-on ultrasonic flowmeter series
Wall-mounted, fixed
(Single channel, dual channel optional)



Handheld ultrasonic flow meter series
External clip-on type (single channel or dual channel optional)



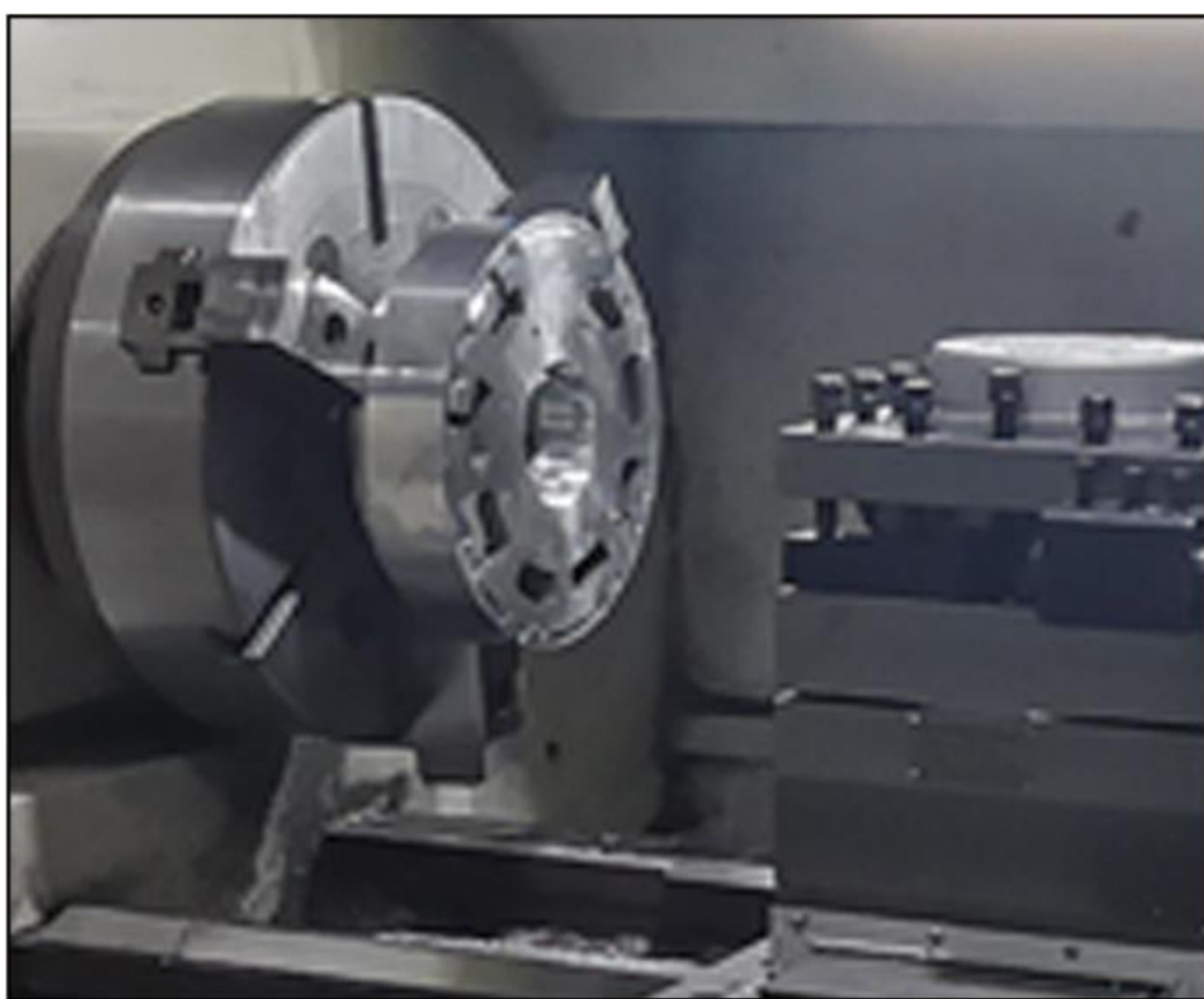
Card type ultrasonic flowmeter series

SMART MANUFACTURING

Intelligent manufacturing is a new production method and manufacturing technology formed by the deep integration of advanced manufacturing technology with new generation information technology, new generation artificial intelligence and other new technologies. It takes the digital, networked and intelligent integration of the product's full life cycle value chain as the core, is supported by the enterprise's internal vertical management and control integration and the enterprise's external network collaborative integration, and is based on the physical production system and its corresponding digital life mapping at all levels. Based on integration, a smart factory with dynamic perception, real-time analysis, independent decision-making and precise execution functions is established to carry out intelligent production integrating cyber-physical systems to achieve efficient, high-quality, low-consumption, green and safe manufacturing and services.



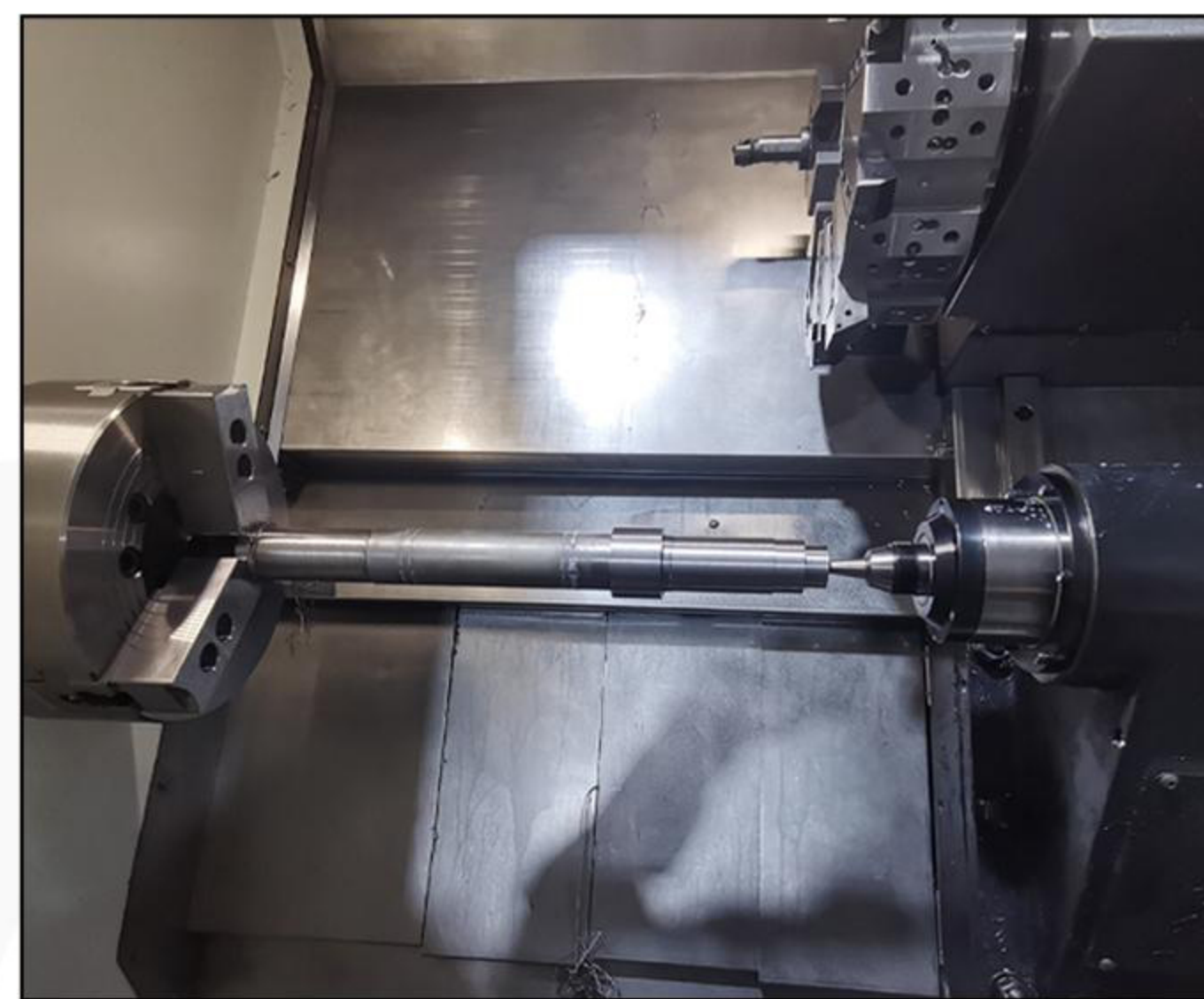
High-end equipment is the cornerstone of quality assurance



Processing of magnetic bearings



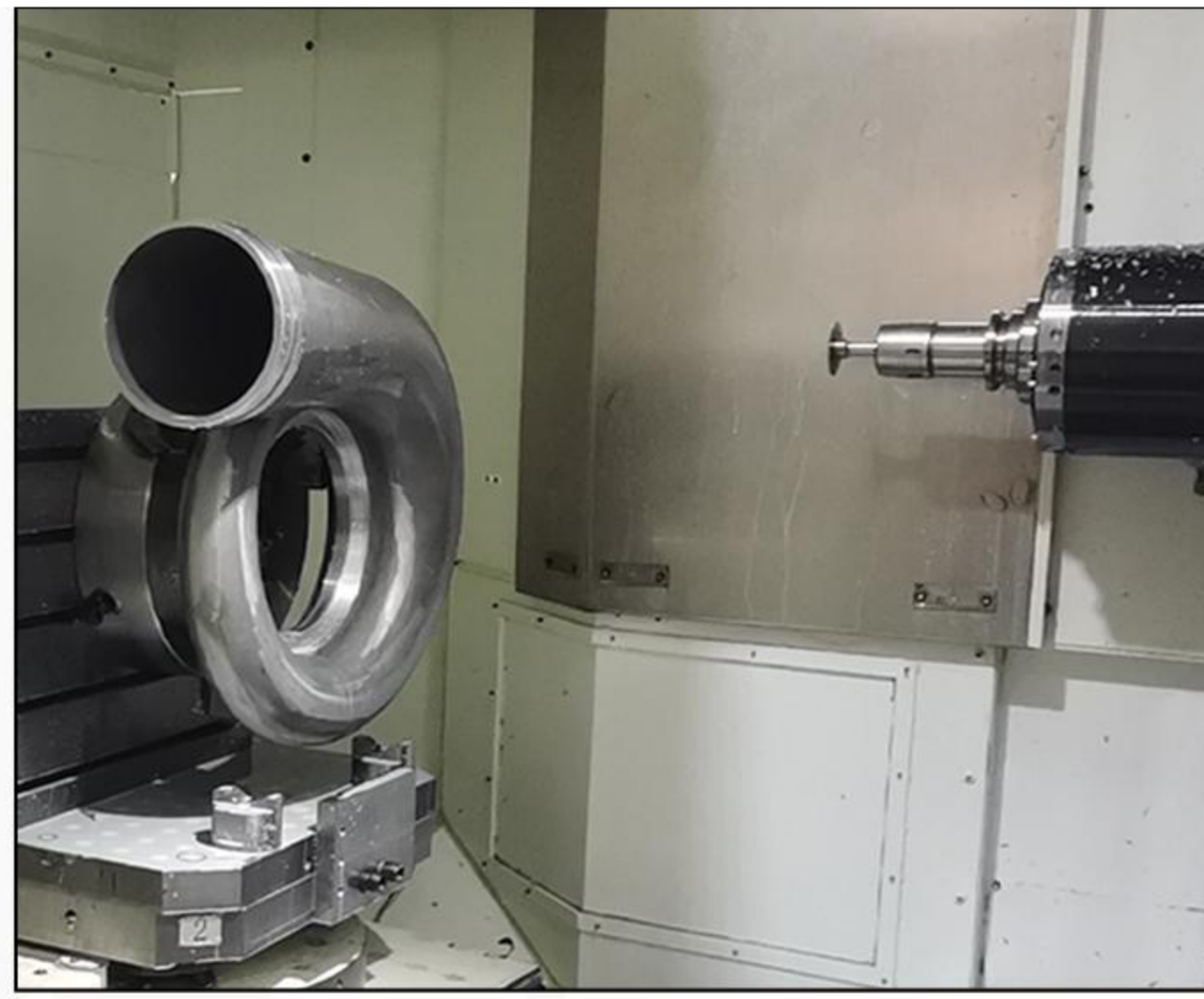
Permanent magnet motor stator off-line workshop



Machining of rigid spindles



Processing of ternary flow impeller



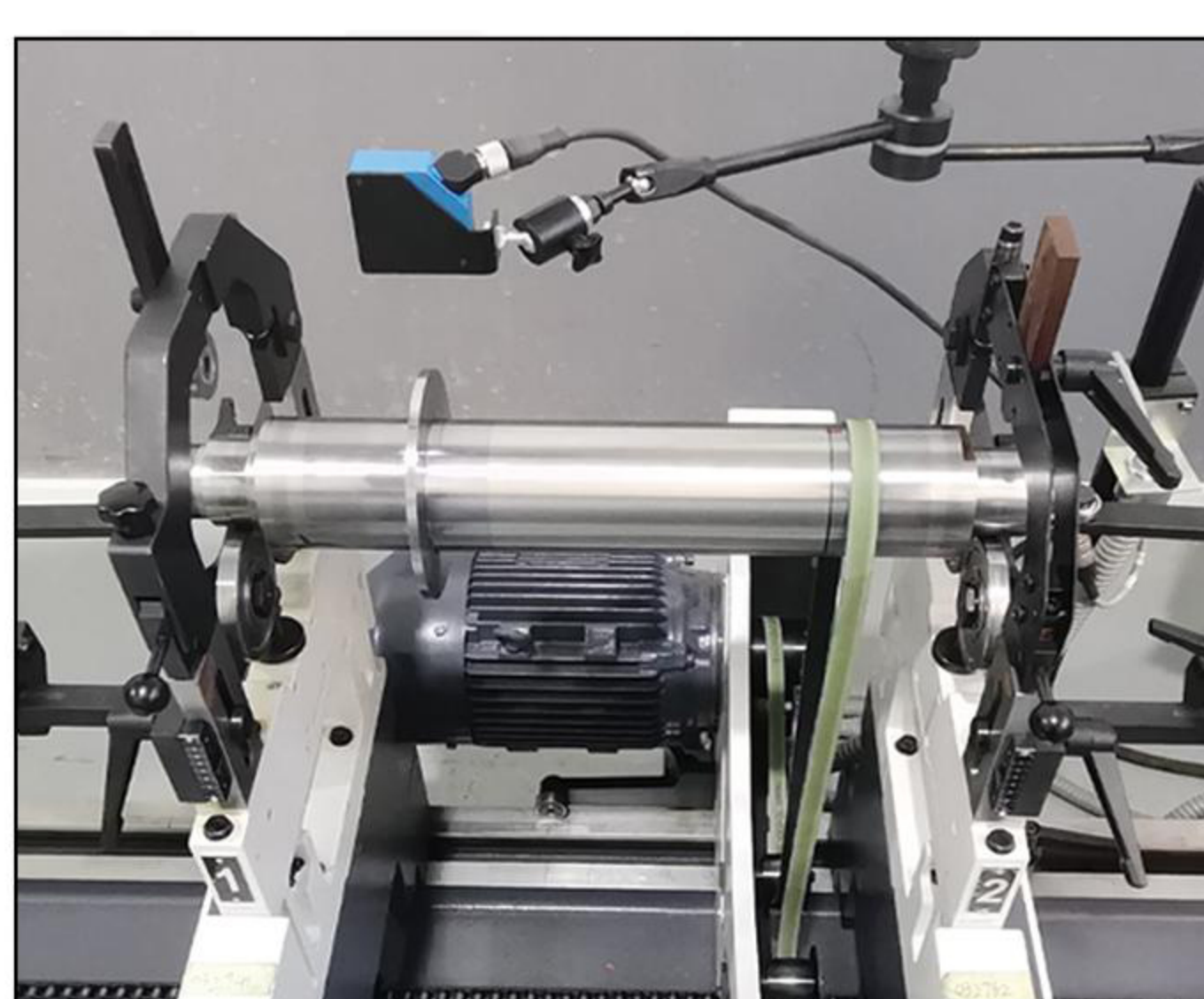
Production of scroll casing



Chassis coating production line



Chassis coating production line



Rotor dynamic balance inspection



Calibration equipment

PRODUCT APPLICATION AND OPERATIONAL SERVICES

It is widely used in various industries in the industrial field, such as processing industry, thermoelectricity and so on.

The application areas of Bokes products mainly include sewage treatment, cement plants, chemical industry, food, pharmaceuticals, aquaculture, paper mills, brewing industry, textile industry, dairy processing industry, thermoelectricity and other industries



Water plant



Agricultural plant irrigation



Rivers and lakes



Sewage treatment



Material transportation



Food and medicine



Textile printing and dyeing



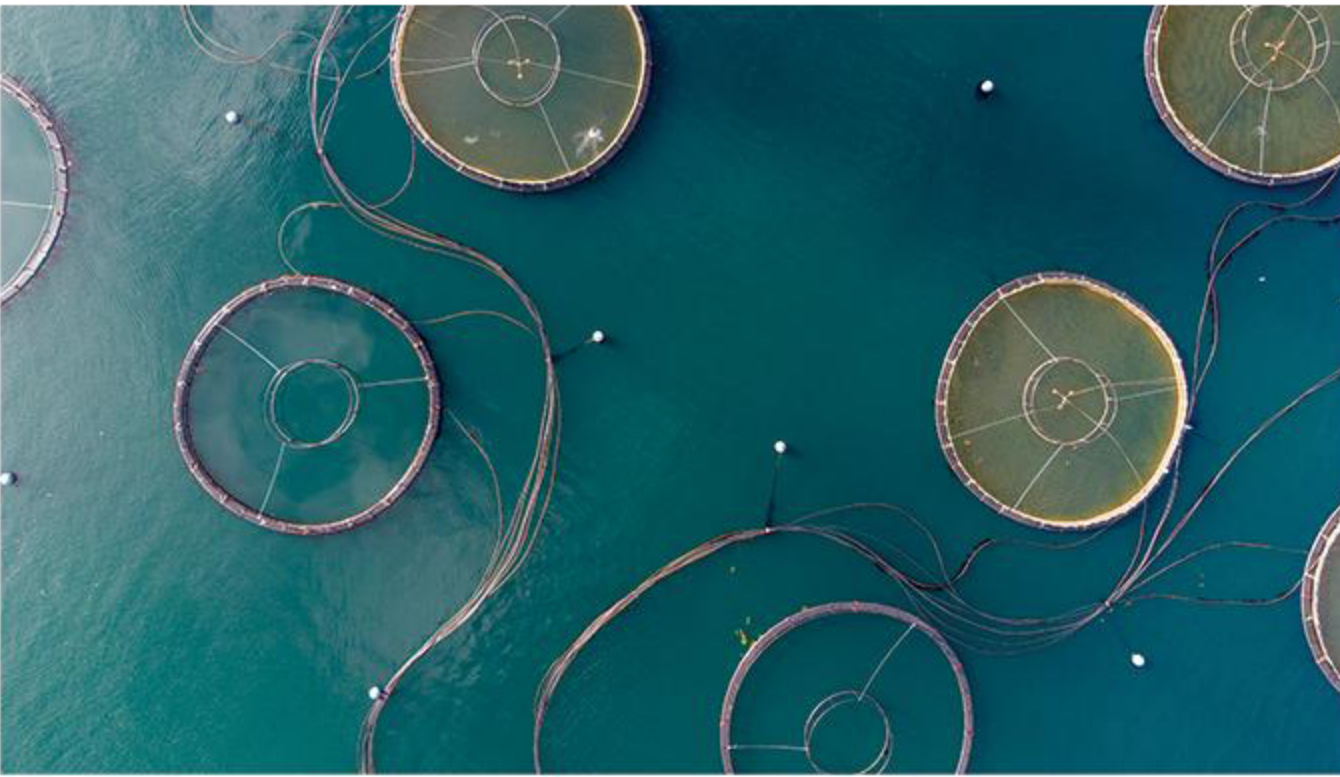
Leather and paper making



Iron and steel metallurgy



Cement thermal power



Aquaculture



Flue gas desulfurization

Our service

Bokes adheres to the service tenet of "professional, dedicated, convenient and win-win", continues to improve the standardization, professionalization and refined management level, and designs flexible service plans for users.



A food factory in Dalian



A water purification factory in Baotou



A new materials company in Inner Mongolia



A sewage treatment plant in Hubei



A sewage plant in Chongqing



A sewage plant in Qinzhou City, Guangxi

Application of IoT Network System

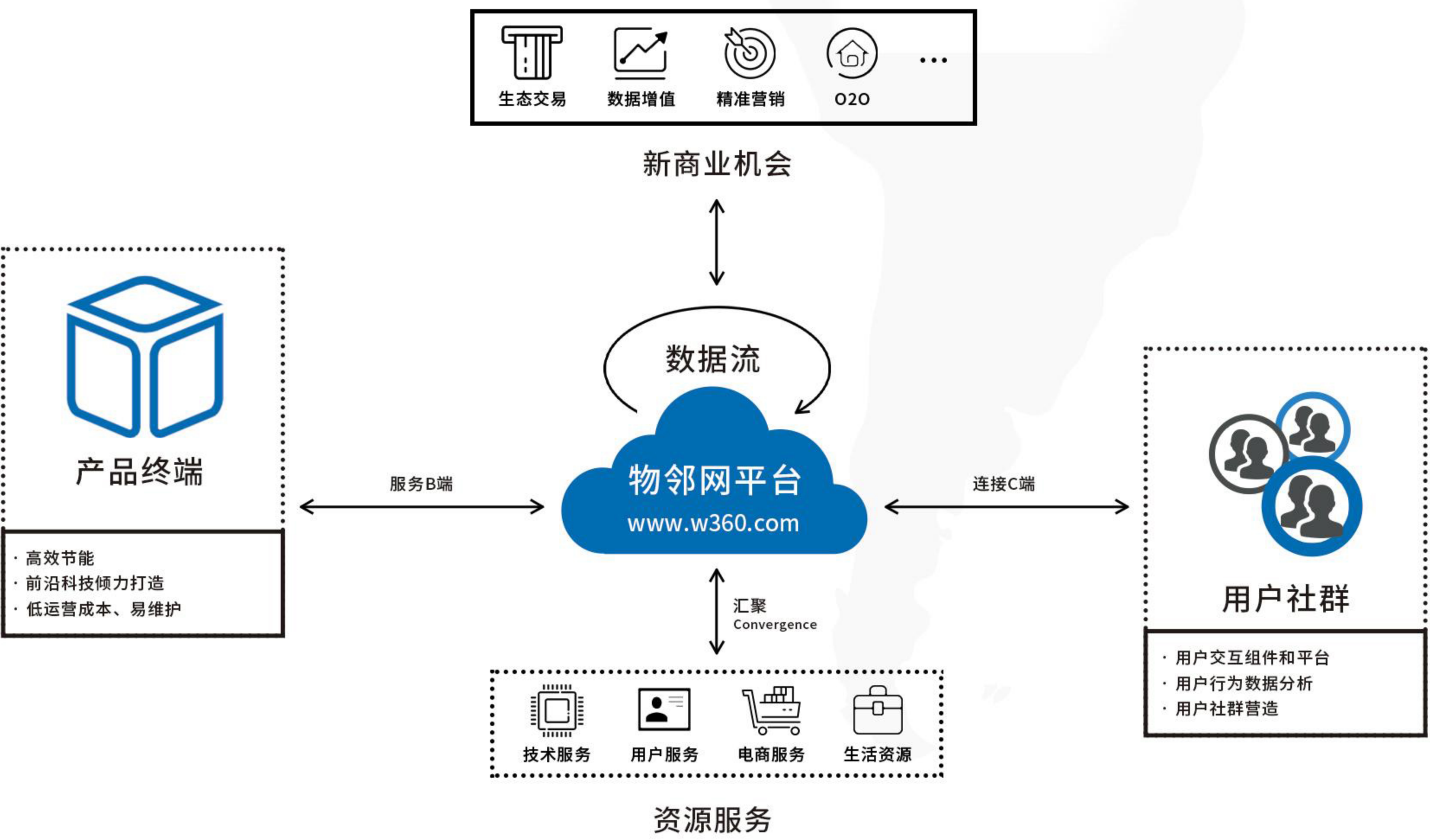
WWW.W360.COM

IoT Network

This platform is based on the network, it is the center, data is the element, and security is the guarantee. It is a digital, networked, and intelligent infrastructure for smart device applications to comprehensively connect people, machines, things, and systems to build new products. Application model and after-sales service system. Through platform digital management, networked collaboration, and service-oriented extension, smart devices have effectively promoted product quality improvement, energy conservation and efficiency, production cost reduction, green emissions, and safe development.

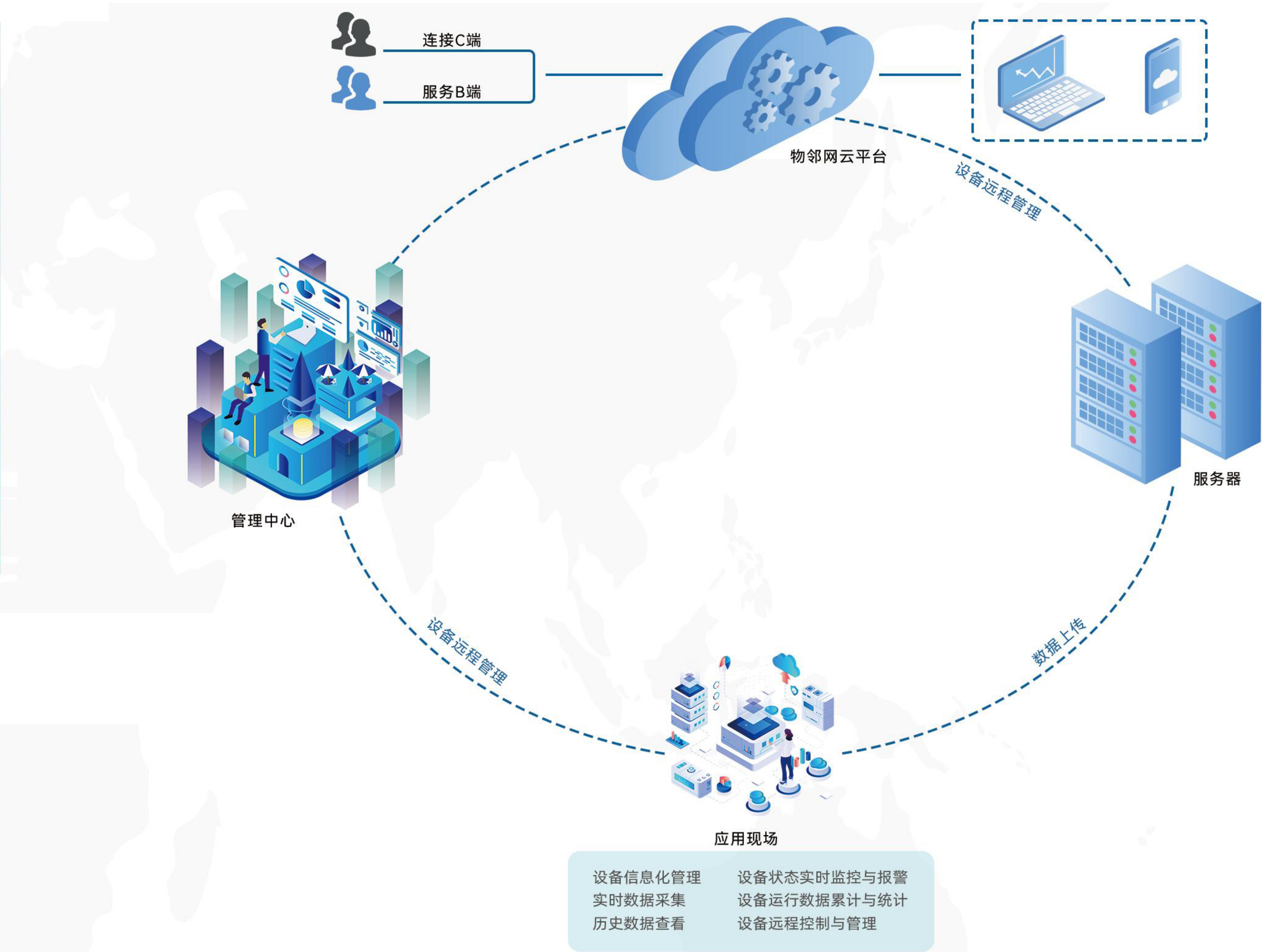


The Internet of IoT brings new opportunities: connection creates infinite possibilities



Automated digital industrial interconnection

Bokes will also combine new products, services and solutions in digital enterprise business based on the actual needs of customers, empowering some industrial companies to quickly respond to changing market demands and environments. Bokes is committed to integrating more cutting-edge technologies such as artificial intelligence and cloud computing into automation and digital solutions to enhance the intelligence and flexibility of production, thereby promoting industrial production further.

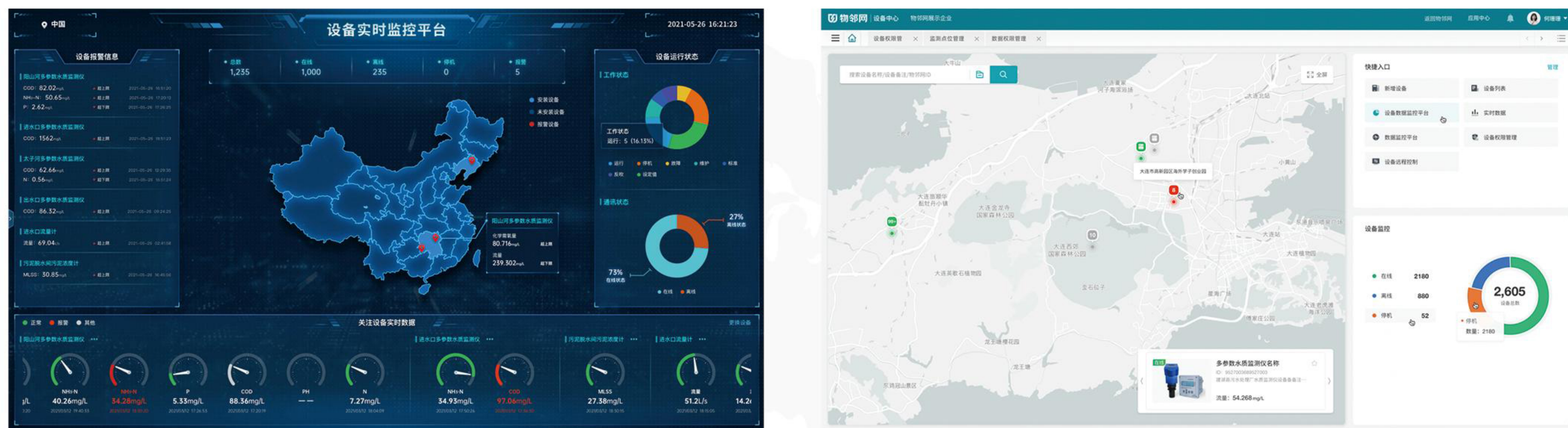


IoT Platform Equipment Center

The equipment center provides safe and reliable equipment access and communication capabilities, breaks information silos, helps industrial users realize equipment data collection and cloud functions, data storage, data processing, equipment early warning and other functions, and provides standard solutions for third-party software or data collection and supervision platforms. , unified data source, comprehensively improve the information management capabilities of enterprise equipment and facilities and other assets.

Equipment visual monitoring

Based on GIS map, centralized visualization and dynamic layer screening of user equipment distribution, operating status and real-time monitoring data of each supervision point. Realize intuitive and unified visual analysis and display, and issue alarm warnings based on user-defined alarm values.



Device management

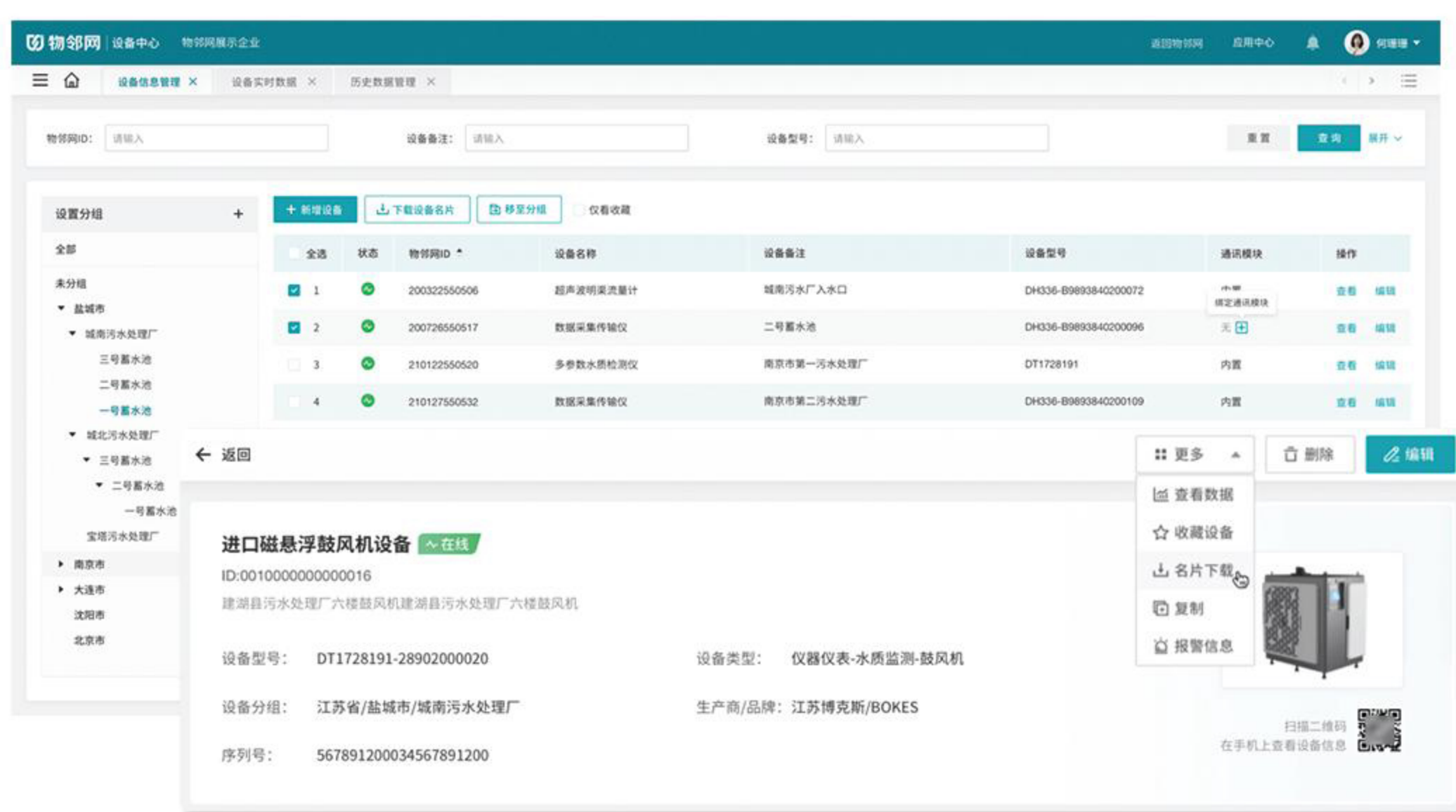
Device access: supports mainstream IoT protocols and extensions, and supports a large number of gateways and terminal devices. You can complete device cloud migration with simple operations on the PC or mobile APP, and supports the concurrency of massive devices.

Equipment status: Understand the equipment status in real time

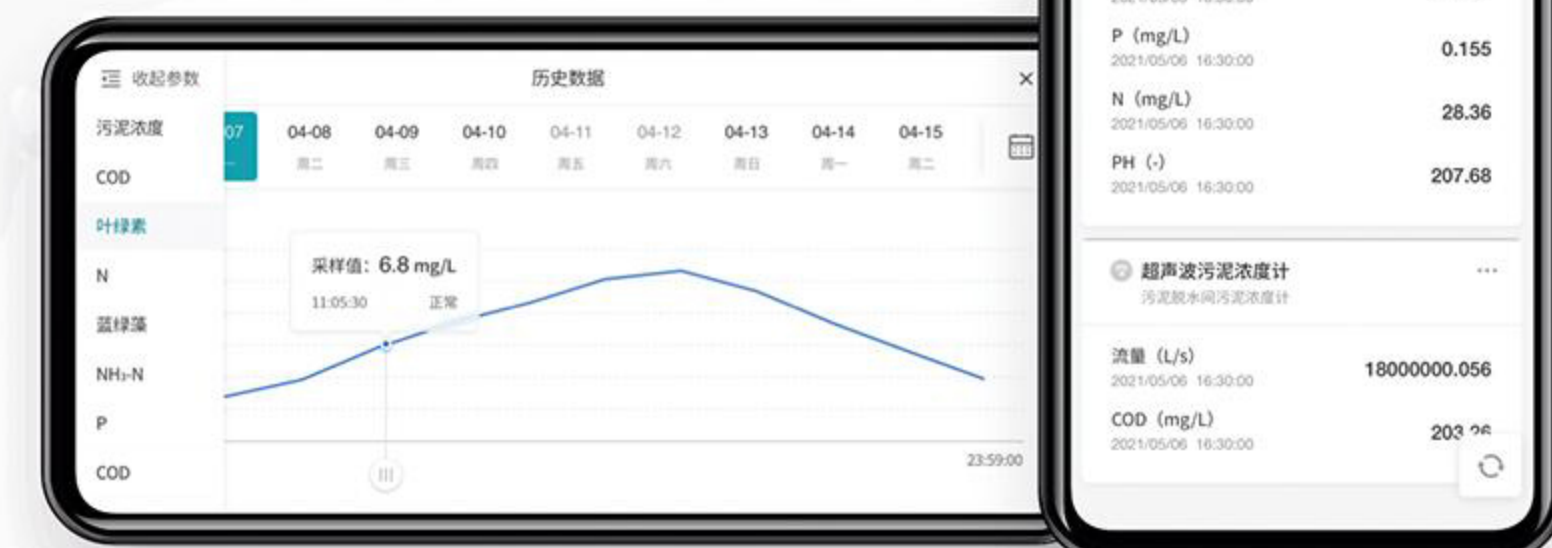
Real-time data: View equipment operating status in real time and understand on-site information

History: Synchronized display on computer and mobile phone, supports downloading

Positioning & Trajectory: It can realize the collection of real-time position and the display of historical operation trajectory.



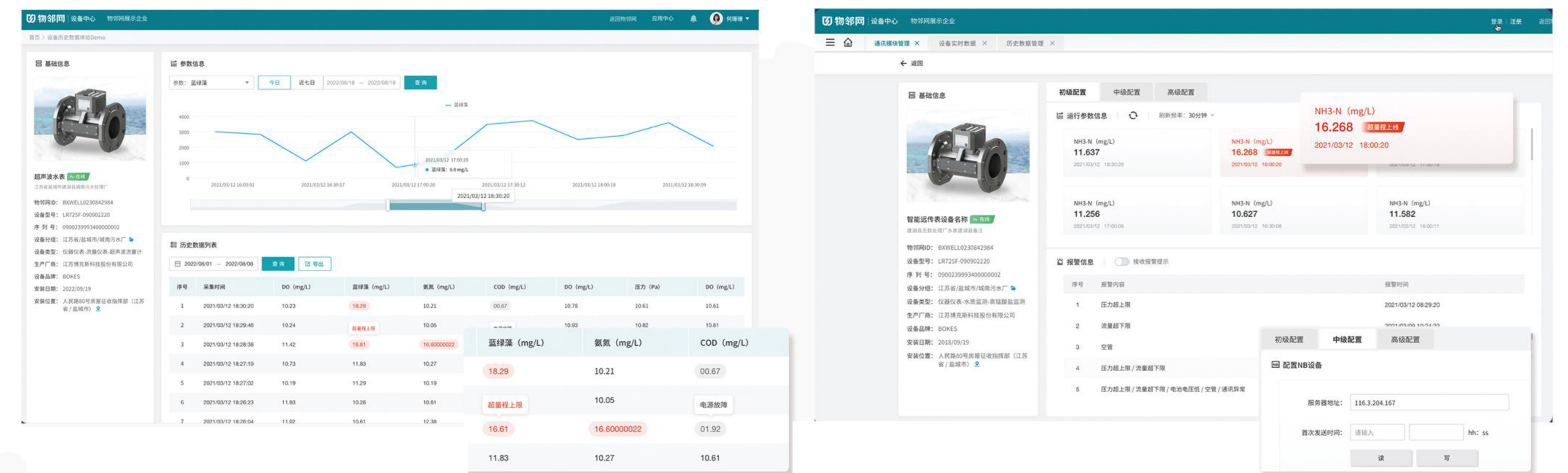
移动数据，远程掌握



Data Storage: Save every uploaded data for you

Data report: can automatically generate daily, weekly, monthly reports, and can also perform data aggregation analysis at a single device's customized time

Favorite equipment: For the equipment you are interested in, give priority to viewing various parameter data



Equipment operation and maintenance: ensuring stable communication of networked equipment

Remote monitoring: can monitor and alarm the operating status, network conditions, signal strength, traffic consumption, and power status of networked equipment, allowing users to understand on-site operation conditions in a timely manner, manage risks or solve problems in a timely manner

Remote configuration: The platform supports remote modification of configuration parameters, restart, factory restore, data debugging and other operations

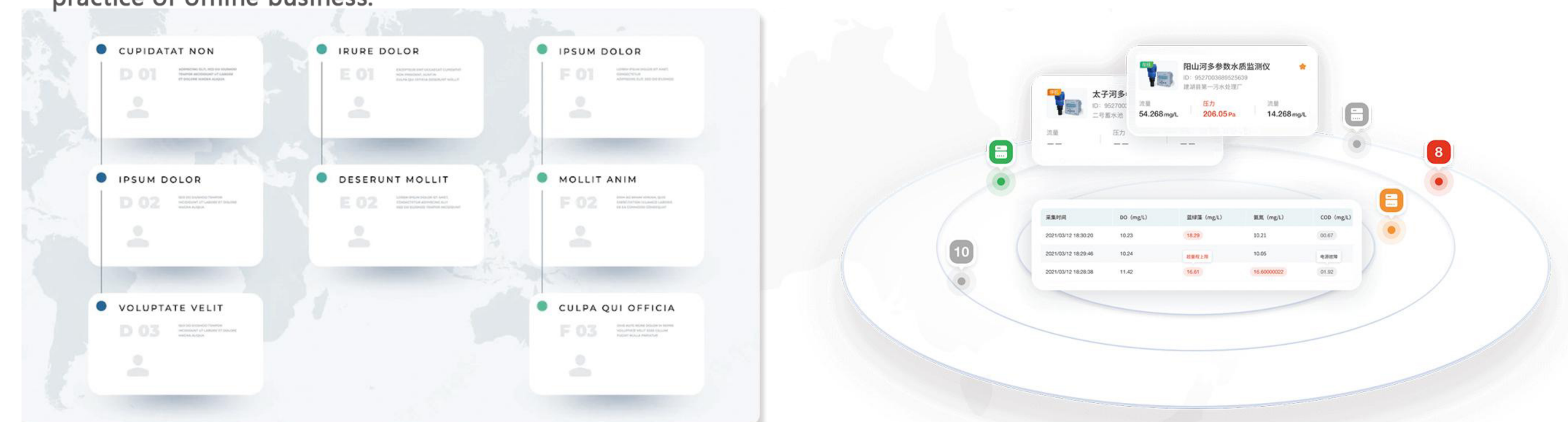
Firmware upgrade: The firmware package can be distributed to the cloud for remote upgrade, which greatly reduces the difficulty and complexity of on-site equipment maintenance for engineers. Remote troubleshooting saves personnel travel expenses, accurate and rapid troubleshooting reduces downtime, and reduces the rate of unplanned downtime.

Advanced management permission breakdown

This system has many high-dimensional permission settings regarding device permissions, rather than simple menu and button permission control.

In order to meet the needs of different enterprises and personnel for device permissions in various business scenarios, device permissions are divided into device ownership, data sharing rights, and remote control rights. Cross-department and cross-enterprise designated authorization can be achieved through authorization, sharing, transfer and other functions.

This permission function cooperates with other business units of the platform to truly realize the Internet of Things of the equipment, allowing customers to understand the comprehensive information of the equipment and truly realize the online practice of offline business.



Alarm Center - allows you to gain insight into the scene anytime and anywhere

By configuring alarm linkage, the equipment can automatically be in good condition and continue to operate.

Alarm: 24-hour monitoring. When the early warning triggering conditions are reached, the person designated by you will be notified in the way you choose. Through the trigger, you can also monitor the operating status, network conditions, signal strength, traffic consumption, and battery status of the networked devices. Monitoring and alarming allow users to understand on-site operation conditions in a timely manner, manage risks or solve problems.



Acknowledgments

To all dear users and our partners:
We have been together through thick and thin for twenty years. Thank you for your trust and support along the way. This is not only the driving force for us to move forward, but also a powerful force that helps us keep moving forward.
Trust breeds expectations, and expectations confer responsibility. We are both proud and stressed.
In order to respond to this trust, we will continue to hold ourselves to the highest standards in the future. We will devote ourselves wholeheartedly to every research and development spirit of excellence, every experimental attitude of seeking truth from facts, and every future cooperation we have.
Continue to face challenges, constantly improve yourself, and overcome every difficulty on the journey of technological progress. We will always maintain integrity, focus and professionalism, do our job well and provide high-quality products and services as always.
We look forward to continuing to work with you in the days to co

合作伙伴 COOPERATIVE PARTNER



感恩有你
一路同行