



Corporate Profile



PRODUCTS



CONTACT US

Aichi tokei denki co.,ltd.

1-2-70 Chitose, Atsuta-ku, Nagoya, Aichi 456-8691, Japan
Overseas Business Division TEL +81-52-661-5150

www.aichitokei.net

3.1

2303-000

GIVING THE WORLD NEW VALUE WITH MEASUREMENT TECHNOLOGIES

The Aichi Tokei Denki Group has built up a relationship of trust with its customers through the provision of products and services with their cores of fluid measurement technologies, of gas meters and water meters especially that are the group's core business, based on the precision processing technology developed in clock manufacturing since the company was founded in 1898.

In the midst of rapidly changing environmental and social conditions, we would like to contribute to changing society for the better by integrating measurement and IoT technologies.

By continuously providing new value through our business and solving social issues, we are willing to lead to further growth.

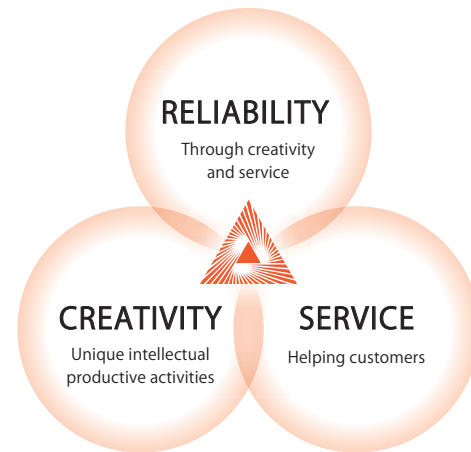


Kenji Kunishima

PRESIDENT AND REPRESENTATIVE DIRECTOR

Corporate Philosophy

We create new value to serve customers and society and continue to win trust from all.



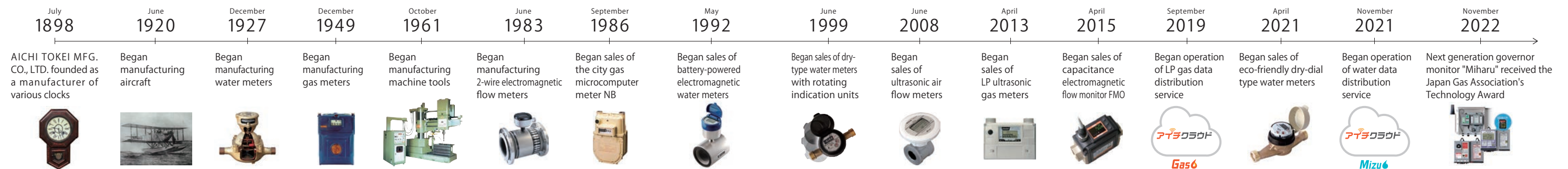
Mission

Based on our principle of reliability, creativity and service, we enhance "technology to contribute to smart society" and society by "continuing to create and offer new value."

Vision

- We provide new systems and services by pursuing customer value based on the keywords of "Measurement technology", "IoT technology," and "solutions".
- We continue to make our efforts in overseas markets by enhancing our response and expanding our products and technologies worldwide.
- We respect ESG (Environment, Social, and corporate Governance) in our corporate activities and become a company trusted by society.

History



Creating new value to become a company that continues to be needed by society

The long history of Aichi Tokei Denki began with the manufacture of clocks.

"Precision processing technology" to measure time with great accuracy has evolved into "fluid measurement technology" to measure fluids such as water and gas to correspond to our changing society.

Aichi Tokei Denki has become the top water and gas meter maker and a company indispensable in today's society.

We will continue to be a company indispensable to society through our business endeavors.



Continuously working on the development of new technology and products based on "fluid measurement technology."

Aichi Tokei Denki is a research-and-development-type company exerting effort in the development of next-generation measuring devices.

We polish "electromagnetic measurement technology" and "ultrasonic measurement technology" as our core technologies and succeed in marketing epoch-making measuring devices.

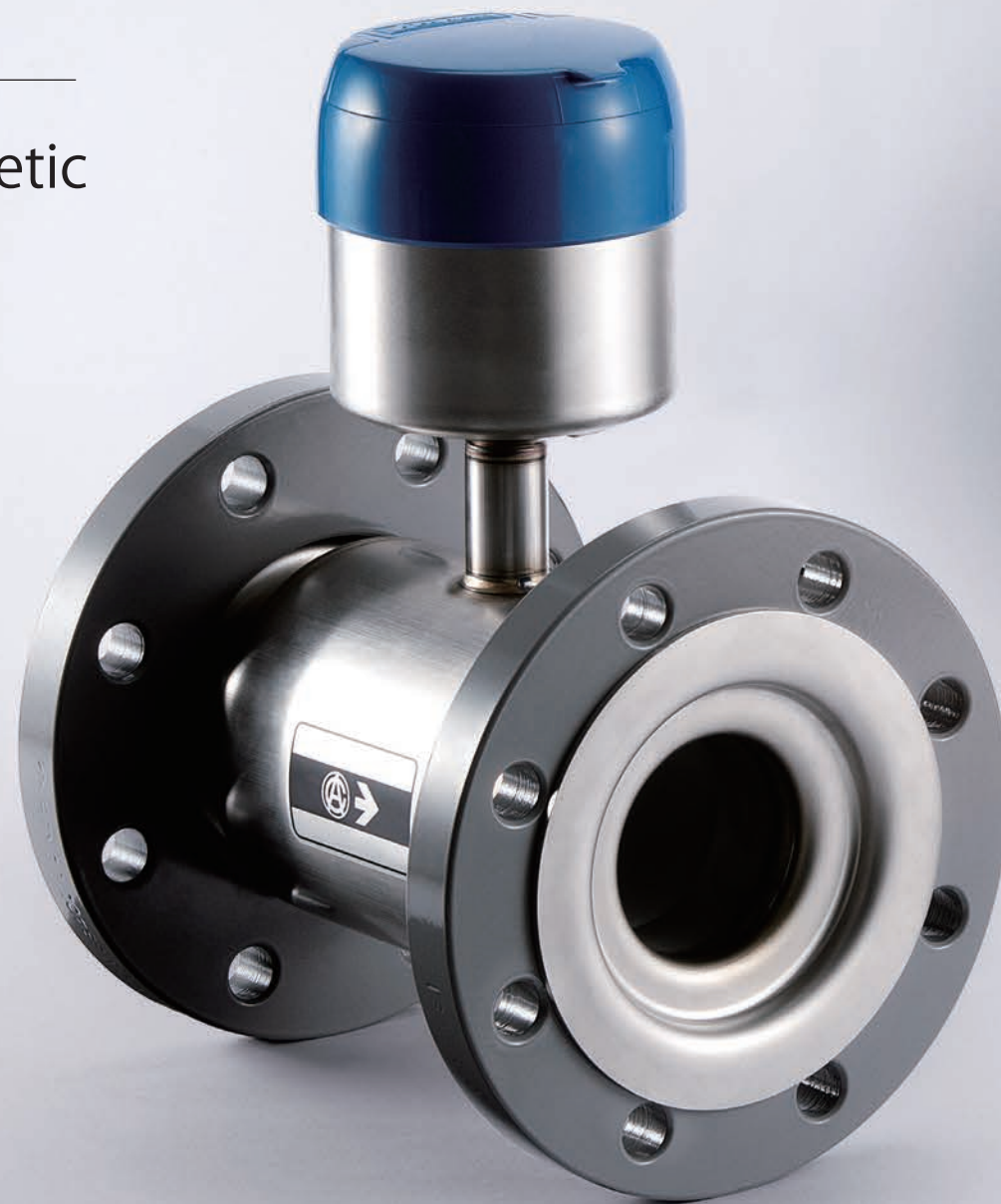
We will continue to exhibit effort in innovative manufacturing for the development of next-generation measuring devices, meeting social needs such as energy saving and control as we spread our business into new fields.

Electromagnetic flow meter technology

By flowing electrical current in the coil it generates magnet field in the measurement tube. This device detects the size of electromotive flow force generated according to the speed of conductive fluid flowing in the magnet field.

There are no movable parts and nothing to hinder the flow of fluid, which contributes to outstanding durability.

Aichi Tokei Denki achieved an ultra-low power consumption of below 1/10,000 of conventional power consumption as the first "residual magnetic excitation system" in the world. This enabled continuous 10-year measuring operation with the lithium battery mounted on the device.



Ultrasonic flow meter technology

Conventionally, fluid flow rate measurement was membrane and vane wheel-type measurement technology.

Aichi Tokei Denki developed ultrasonic measurement technology. The difference in propagation time of ultrasonic waves transmitted to a set of ultrasonic sensors is monitored and then measured.

Its structure is very simple, with only a set of ultrasonic sensors set up in the fluid flow, which makes miniaturization possible.

There are no moveable parts in the flow path and almost no pressure loss, which leads to energy conservation.



Precision processing technology

Making use of the precision processing technology we have developed through clock manufacturing, we have been accumulating achievements with water and gas meter mechanical parts, as well as injection molding and mold manufacturing. We are able to consistently perform all processes from mold design to manufacturing and inspection.



We will widely expand our business in and outside of Japan, and advance into new markets.

Aichi Tokei Denki has been involved in diverse businesses centering on the development and manufacturing of "fluid measurement devices" such as water meters, gas meters, and flow rate sensors. We are moving into new markets such as medicine, agriculture and new energy, further enhancing technology to "make the invisible visible." We continue to offer products essential in today's society.



Four business fields spreading in and outside of Japan

Gas-related equipment

Water-related equipment

Private-demand sensor system

Instrumentation

Aichi Tokei Denki's "fluid measurement technology" has won high praise in the world. We export our products worldwide and have opened production centers in Vietnam and China. We will move forward with further globalization through product development and client expansion.



Water Meter



Gas Meter



Flow Sensor



Gas-related equipment

Homes, housing complexes



Measuring technology for supporting your "ordinary everyday life."

We develop and manufacture a wide variety of gas meters, from domestic to industrial, for city gas and propane gas. Our biggest strength is our structural design for long-term accurate measurement and high manufacturing quality.

In addition to gas meters, our company also offers a lineup of peripheral equipment such as rotary type gas meters, pressure measurement devices, governors, etc., to meet the needs of our customers.

The "Aichi Cloud" data distribution service contributes to LP gas service providers' business efficiency and rationalization, by providing a variety of data collected to the cloud from LP gas meters.



City Gas Meter



LP Gas Meter



Fuel Gas Control Meter



Pressure Measuring Device / Governor



Water-related equipment

Houses, housing complexes, commercial facilities



Contributing to today's lives and future infrastructure

We perform in-house designing, developing, and manufacturing from small residential water meters to large industrial water meters and electromagnetic water meters. Our reliable manufacturing is supporting fair and equitable water rate transactions.

In addition to water meters, there is a large lineup such as hot water meters and heat meters for buildings and commercial facilities, etc., which can be used in a variety of locations.

Through the use of IoT technology and the "Aichi Cloud" data communication service, we promote the smart use of water meters and contribute to sustainable waterworks operations.



Residential Water Meter



Residential Water Meter for AMR / AMI



Commercial & Industrial Water Meter



Heat Meter

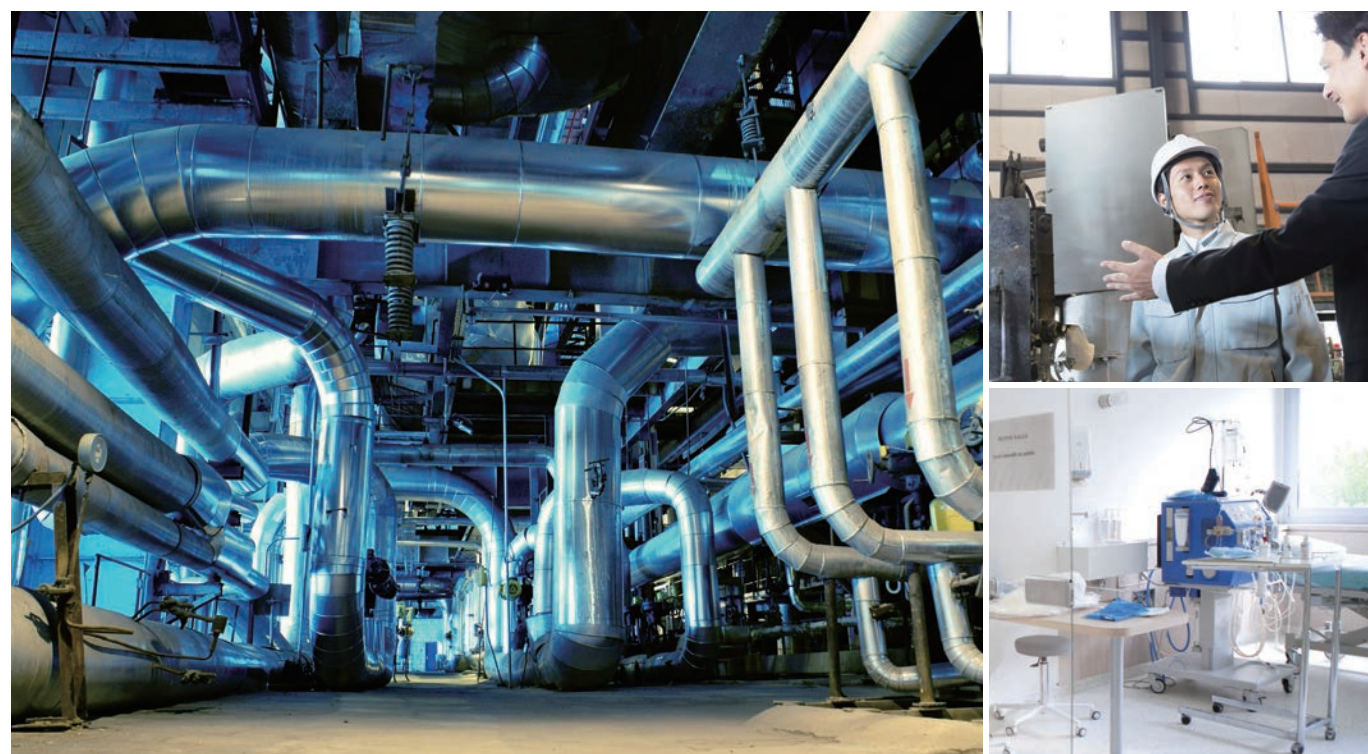


Portable Water Meter Test Kit



Private-demand Sensor and System

Installed in factories and equipment



Meeting measurement needs at diverse manufacturing factories and various devices

Our private-demand sensor and system business proposes flow rate meters, flow rate sensors and systems suitable for diverse manufacturing factories, and we contribute to finding solutions to customers' problems.

Measuring targets and product types are diverse, including flow rate meters that detect leaks by measuring air use in factories and flow rate sensors installed on hemodialyzers. The technology we have accumulated through the manufacture of high-quality products since our establishment has won praise and support from many customers.

We will continue to identify customer needs from diverse angles and provide new value that never existed before.

Global brand **ATZTA**

"ATZTA (Atsuta)" is the head letter of "A to Z to Aichitokei", and such thought that "Aichi Tokei Denki solves all the issues of fluid measurements" is put in it. Also, whereas "Atsuta" has been the location of the headquarter since the establishment, "ATZTA (Atsuta)" is the starting point of our manufacturing.

Water Control Meter



Fuel Gas Control Meter



Air Control Meter



Cooling Water and Coolant Control Sensor



Micro Flow Rate Control Sensor



Instrumentation

Public facilities



Design, Construct and Maintain Secure and Safe Lifelines

Aichi Tokei Denki proactively works on instrumentation with the desire to "become an indispensable maker of measuring devices and sensors for water infrastructure maintenance."

We monitor and control waterworks, sewage, agricultural and industrial water facilities based on measured data on water level, flow rate and water quality. We provide consistent services that include the design, construction and maintenance of facility control systems and various measuring devices required for the measurement. We contribute to the realization of even more stable lifelines.

2-Wire Electromagnetic Flow Meter



High-Sensitive Electromagnetic Flow Meter



Electromagnetic Flow Meters for Agricultural Water



Immersion-Type Water Gauge



Intelligent Printer



Information Communication Terminal Device



Remote Monitor and Operation Support System



The entire staff forms one big team to work on CSR activities and contribute to society.

We provide products, technologies and services that are useful to society as we conduct business in consideration of our employees, the community and the global environment.

Social Contribution



Our head office building is a designated evacuation center. We conduct evacuation drills with community residents and offer work-experience programs to elementary and junior high school students. We also participate in cleaning projects around the head office as well as other activities to contribute to the local community.

Environmental Protection



We are involved in various environmental protection activities, including developing products that are friendly to the environment, 3R-compliant business, CO2 reduction, and testing of soil and ground water at the head office factory. We established "Aichi Green Vision" and aim to become an environment creation company.

Safety and Health



We work on realizing a working environment in which employees are healthy in mind and body, and they can exert their potential to the fullest. We comply with laws and regulations to prioritize safety to prevent accidents and disasters.

Human Resources Development



We offer opportunities for career formation and capacity development for each of our employees. We also promote work-life balance aiming to become a company that is pleasant and rewarding to work for.

The Aichi Tokei Denki Group is committed to addressing social issues through its business and CSR activities.



Company Profile

Company Name	Aichi Tokei Denki Co., Ltd.	Line of Business	Development, manufacture, sales and export of Gas-related equipment, water-related equipment, private-demand sensor system, instrumentation.
Headquarters Address	1-2-70 Chitose, Atsuta-ku, Nagoya, Aichi, Japan	Consolidated Subsidiaries	Aisei Tec Co., Ltd. (Imabari, Japan) Aichi Kompou Unyu Corporation (Nagoya, Japan) Aichi Kisosaki Seikou Corporation (Mie, Japan) Dalian Aichi Tokei Technology Co., Ltd. (Dalian, China) Aichi Tokei Denki Vietnam Co., Ltd. (Hai Phong, Vietnam)
Founded	July 1898		
Paid-in Capital	3.218 billion JPY		

Aichi tokei denki co.,ltd.

1-2-70 Chitose, Atsuta-ku, Nagoya, Aichi 456-8691, Japan
Overseas Business Division TEL +81-52-661-6418
www.aichitokei.net

ISO 9001 Certification

We work steadily to improve our quality assurance system, to enable the fullest confidence in using our products.

ISO 14001 Certification

Our manufacturing facilities support environmental sustainability through methods that reduce environmental loads.

ISO 27001 Certification

We work steadily to reinforce and continuously improve our information security frameworks.

Manufacturing Business Operator Designation

Approved and certified by the Minister of Economy, Trade and Industry as a Designated Manufacturing Business Operator for special measuring instruments (gas meters, water meters, hot water meters, integrating calorimeters)



ALL AROUND THE WORLD

