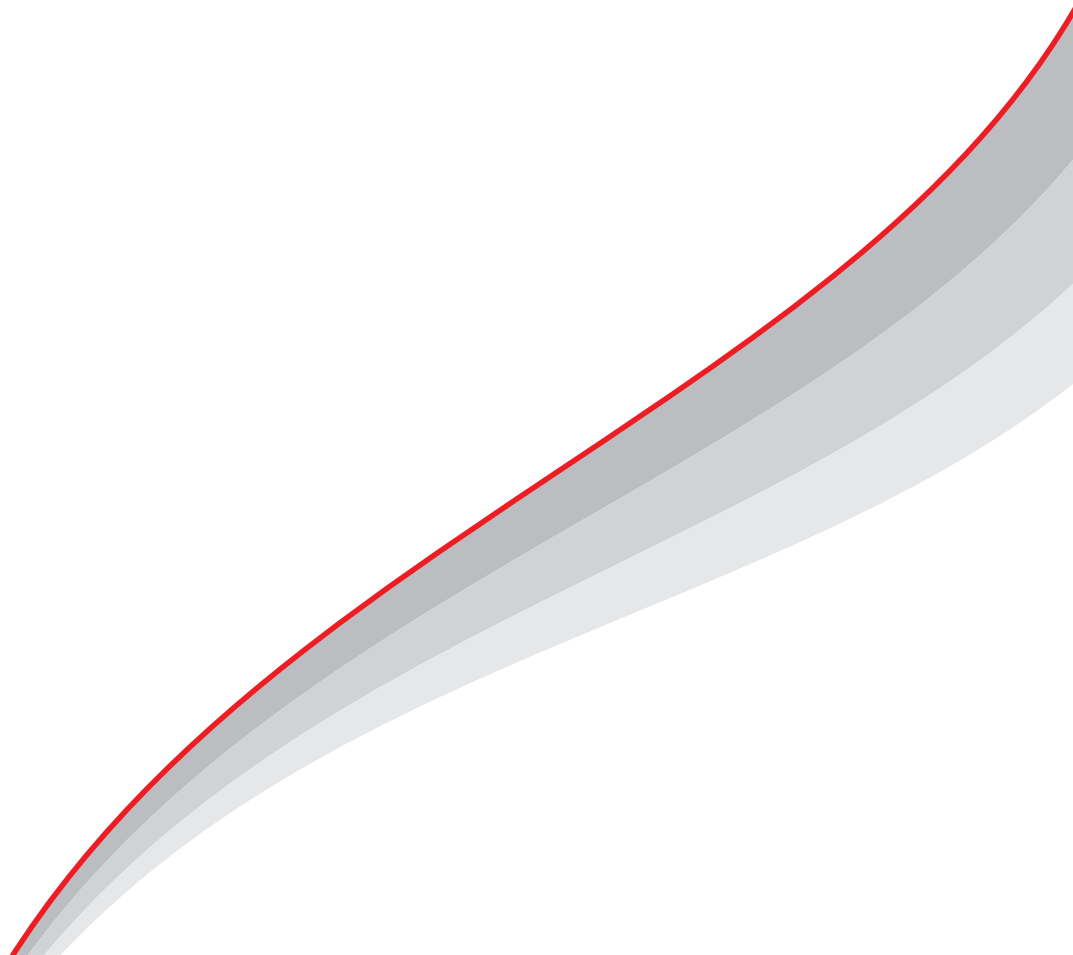
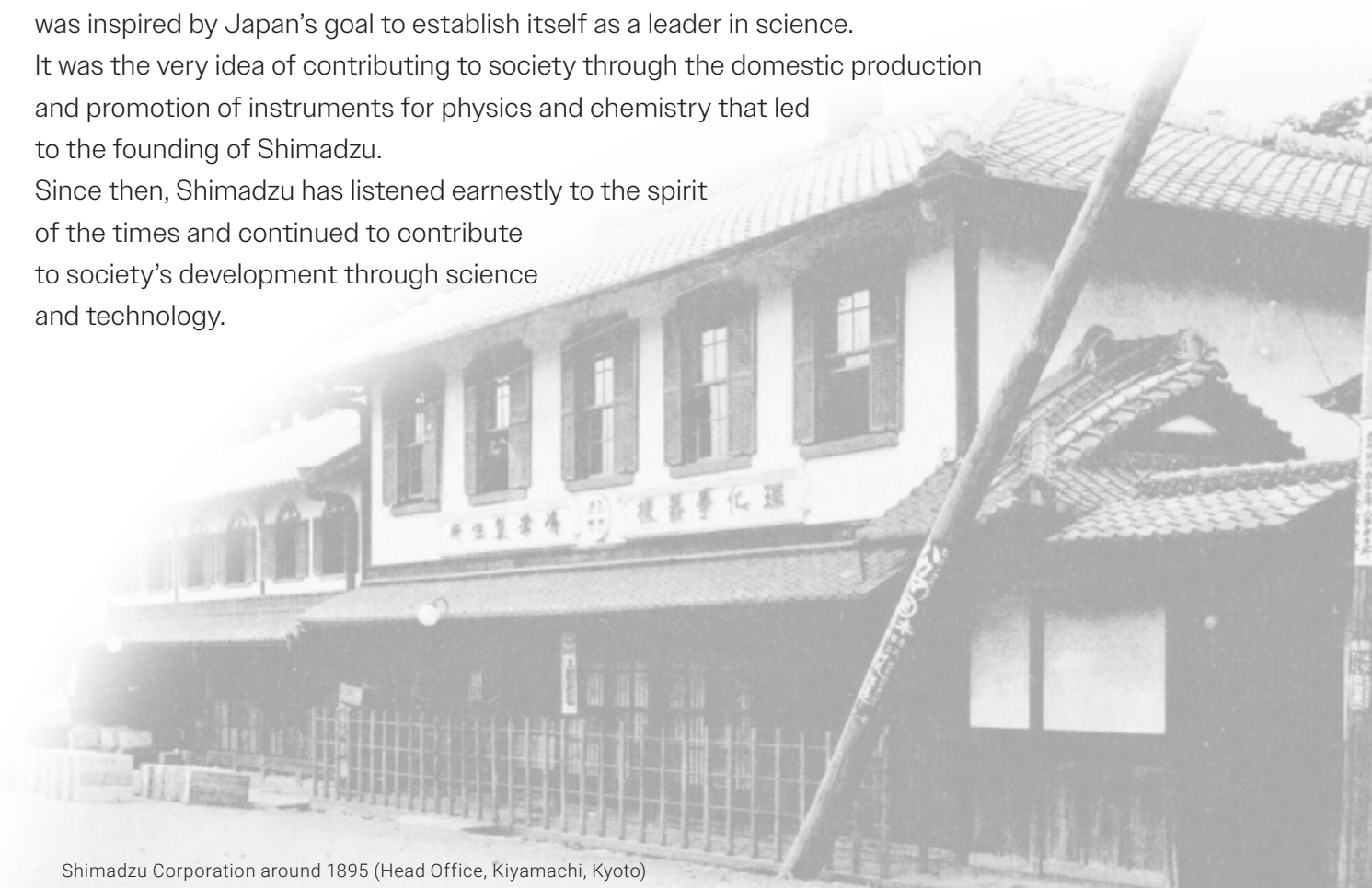


CORPORATE PROFILE



Growing with Society

At the end of the 19th century, Genzo Shimadzu Sr., our founder, was inspired by Japan's goal to establish itself as a leader in science. It was the very idea of contributing to society through the domestic production and promotion of instruments for physics and chemistry that led to the founding of Shimadzu. Since then, Shimadzu has listened earnestly to the spirit of the times and continued to contribute to society's development through science and technology.



Shimadzu Corporation around 1895 (Head Office, Kiyamachi, Kyoto)

The history of Shimadzu began in 1875 when Genzo Shimadzu Sr. started manufacturing instruments for physics and chemistry.

At the Physics and Chemistry Research Institute, which was an entry point for technology into Japan, Genzo became acquainted with Dr. Gottfried Wagener, a German scientist, and learned about Western science and technology from him. Genzo collected information about the construction of products and the principles behind them. He decided to manufacture instruments for physics and chemistry himself so that they would be more accessible to educational institutions.



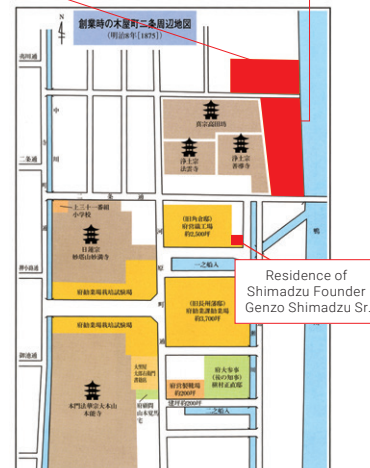
Dr. Gottfried Wagener



The Physics and Chemistry Research Institute

Kyoto Physics and Chemistry Research Institute (remains of Imperial Prince Kyogoku-no-Miya's villa)

Respective Manufacturing Workshops of Kyoto Physics and Chemistry Research Institute (remains of the Suminokura residence and stables)



The Two Genzos behind the Founding of Shimadzu

Genzo Shimadzu Sr. Successfully Launched a Manned Balloon in 1877 and Dreamed of Making Japan a Leader in Science

Genzo Shimadzu Sr. started his business as a craftsman making Buddhist altars in the Kiyamachi-Nijo district in Kyoto. In this area, several industrial facilities introducing western technology were established, enabling him to come face to face with cutting-edge science.

Genzo Shimadzu Sr. transitioned from manufacturing Buddhist altar fittings to manufacturing instruments for physics and chemistry, used in educational institutions in 1875.

In the third year after he started the business, he unexpectedly received a request from Kyoto Prefecture to build a manned balloon. Although Genzo did not have any materials at hand, he took on the challenge of making a hydrogen balloon and succeeded splendidly.



Depiction of the balloon flight at Sento Imperial Palace in Kyoto



Genzo Shimadzu Sr.

Genzo Shimadzu Jr. Took Shimadzu to New Heights with a 178 Inventions and Designs

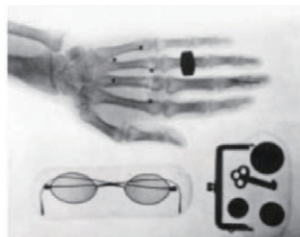
Genzo Shimadzu Jr. put all his energy into developing new inventions and designs, such as X-ray imaging and the manufacture of storage batteries. In 1896, he succeeded in taking X-ray image in only 11 months after Dr. Roentgen discovered X-rays. And in 1909, he developed the first medical X-ray device in Japan.

In 1930, he was recognized as one of Japan's ten greatest inventors, since it was highly evaluated for the invention of a method for manufacturing reactive lead powder which made great strides in many industries including the manufacture of storage batteries.

In his final years, Genzo Shimadzu Jr. had a message he fondly shared with the younger generation.

"If taught a scientific principle you must think of the practical application too."

This was his main principle as an engineer and what he conveyed to the younger generation responsible for the future.



Pioneering radiograph taken in 1896



Genzo Shimadzu Jr.

With its corporate philosophy

“Contributing to Society through Science and Technology,”
 Shimadzu contributes to the realization of a more convenient,
 safe, and secure society.

**Widespread Use of Instruments
 for Physics and Chemistry**

Supplied state-of-the-art educational equipment

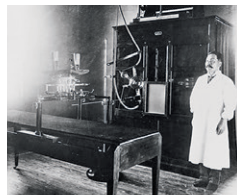


Product Catalog

1882

**Widespread Use of Medical
 Devices**

Completed a medical X-ray system



First
 in
 Japan

1909

**Reduction of
 Radiation Exposure**

Developed a remote-controlled
 X-ray Fluoroscopy system



First
 in
 the
 world

1961

**Modernization in the
 Late 19th Century**

- ▶ Introduction of Modern Science from outside Japan
- ▶ Changing to a Modern Lifestyle



**Recovery after
 the World War II**

- ▶ Establishment of Medical Infrastructure
- ▶ Advancement of the Petrochemical Industry



1897

**Need for Reliable Power
 Supplies**

Started industrial
 production of storage
 batteries



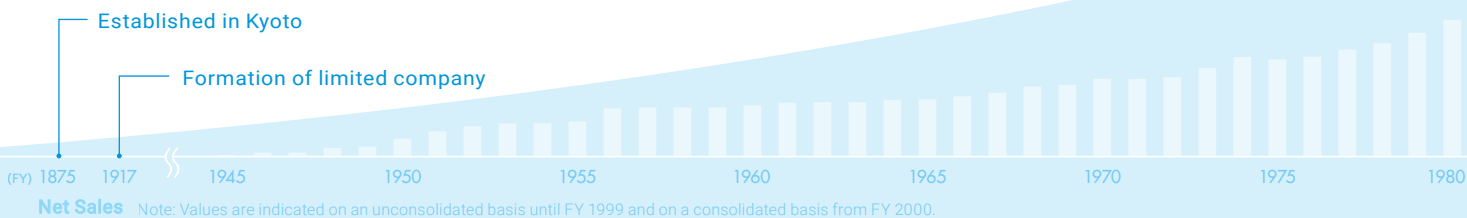
1956

**Growth of the Oil
 Refining Industry**

Developed a gas
 chromatograph



First
 in
 Japan



Improving the Safety of Automobiles

Manufactured the first fatigue testing machine
Installed in automobile manufacturers



1967

Koichi Tanaka awarded the Nobel Prize

2002

Response to COVID-19 Pandemic

Developed a fully automatic real-time PCR testing system and a novel coronavirus detection reagent kit



2020

Support for Breast Cancer Diagnosis and Dementia Research

Developed a TOF-PET System for Head and Breast Diagnosis



2021

First in the world

Economic Miracle

- ▶ Advancement of the Automotive Industry
- ▶ Advancement of the Pharmaceutical Industry through the Enhancement of the Medical Care Insurance System



QOL Improvements

- ▶ Promoting Science and Technology to Extend a Healthy Life Expectancy



1978

First in Japan

Safety and Efficacy of Pharmaceuticals

Completed a modular liquid chromatography system



2010

First in Japan

Advancement of Clinical Laboratory Medicine

Developed Japan's first high-end liquid chromatograph mass spectrometer



(Billion yen)

5,000

4,500

4,000

3,500

3,000

2,500

2,000

1,500

1,000

500

1985

1990

1995

2000

2005

2010

2015

2020

Using Science and Technology to Innovate and Solve Societal Challenges Together with Customers from Around the World



Shimadzu Corporation has been doing business based on our corporate philosophy, “Contributing to Society through Science and Technology,” since being founded almost 150 years ago. The analytical and measuring instruments, industrial machinery, and aircraft equipment that we provide are used in a wide range of industries, where they play a role in protecting the safety and security of society and improving convenience of life through our customers’ businesses. In addition, the Shimadzu products used at healthcare facilities for diagnosis, treatment, or measuring health, and the equipment used to support the development of new drugs, serve an important role in supporting the desire of people to live healthy lives.

I believe we have been able to continue contributing to society, despite our limitations, because we have always taken on the challenge of solving issues that our customers face. Consequently, we have steadily improved our technologies to “separate and visualize” gases, liquids, solids, genes, proteins, and other substances to determine their properties. We have also repeatedly taken on the challenge of

developing new devices and creating new technologies that are key to manufacturing. Those efforts have resulted in a treasure trove of diverse technologies able to quickly solve customer challenges.

Today, society continues to change at an unprecedented pace. In the face of an endless stream of new challenges, including the pandemic, global warming, declining birth rates, and aging populations, we remain committed to actively confronting these challenges with renewed determination. By listening carefully to the silent voices of society and the earth, we will rise to solve those challenges and work with customers around the world to create innovative solutions. That is truly the mission expressed by our corporate philosophy, “Contributing to Society through Science and Technology.”

Shimadzu will continue to use the technologies and wisdom inherited from our past to transition to a higher level than ever before. Therefore, please look forward to more great things to come from Shimadzu in the future.

President and CEO

Yasunori Yamamoto



**Pursuit of Planetary Health
(the Health of Mankind and the Earth)**



Corporate Philosophy

Contributing to Society through Science and Technology

Management Principle

Realizing Our Wishes for the Well-being of Mankind and the Earth

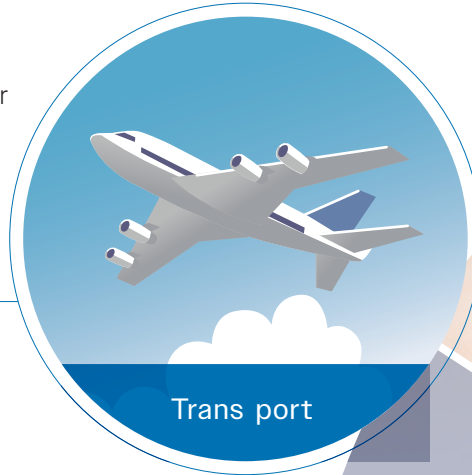
Shimadzu Group Sustainability Charter

Business Fields and Development Projects

- Support for diagnosis and treatment at medical institutions
- Contribute to early diagnosis of disease



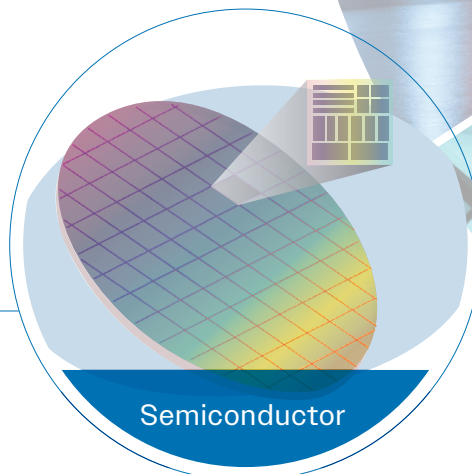
- Support for ensuring aircraft flight safety and a comfortable passenger environment
- Evaluation testing for automobile safety and comfort
- Power units for industrial vehicles and construction machinery



- Fatigue testing and deterioration measurement of public and industrial infrastructure



- Semiconductor production process
- Display screen production process



- Development and quality control of electronic devices and electrical parts



Health

Industry

Mate



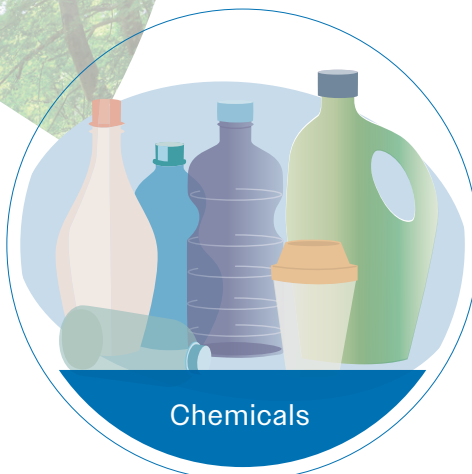
- R&D and Quality Control of Pharmaceuticals
- Pharmaceutical production equipment management



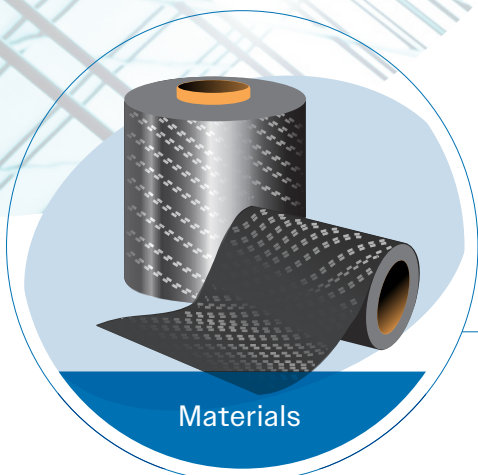
- Measurement of residual pesticides and measurement/testing of food flavor/texture
- Development of functionally-enhanced foods



- Development of renewable energies
- Analysis of the atmosphere, water, and soil



- Development and quality control of petrochemical and chemical products

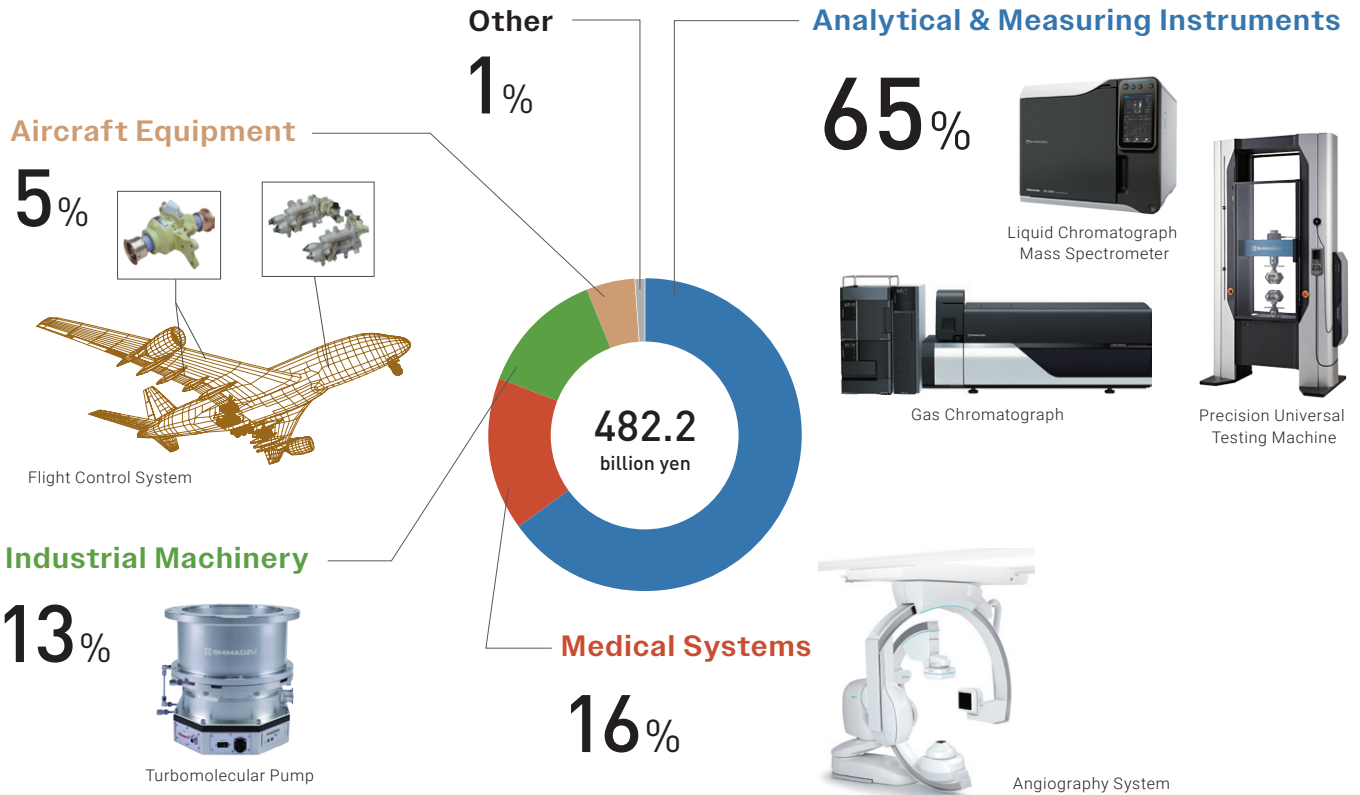


- Development of new materials with enhanced functionality, reduced weight, etc.

care
Green Solutions
rials

Business Overview

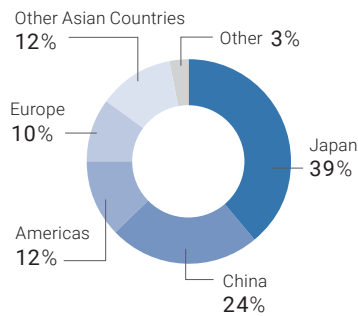
Sales Ratio by Business Segment



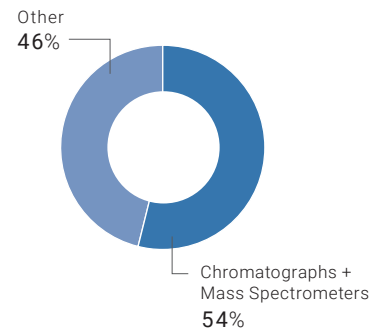
Analytical & Measuring Instruments Business



Net Sales by Region



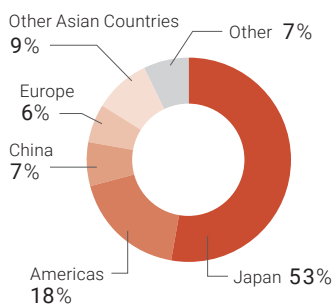
Sales Ratio by Model



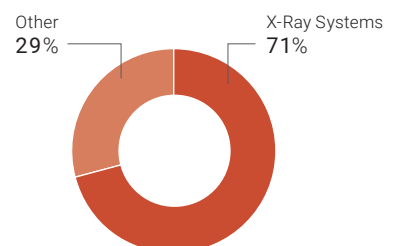
Medical Systems Business



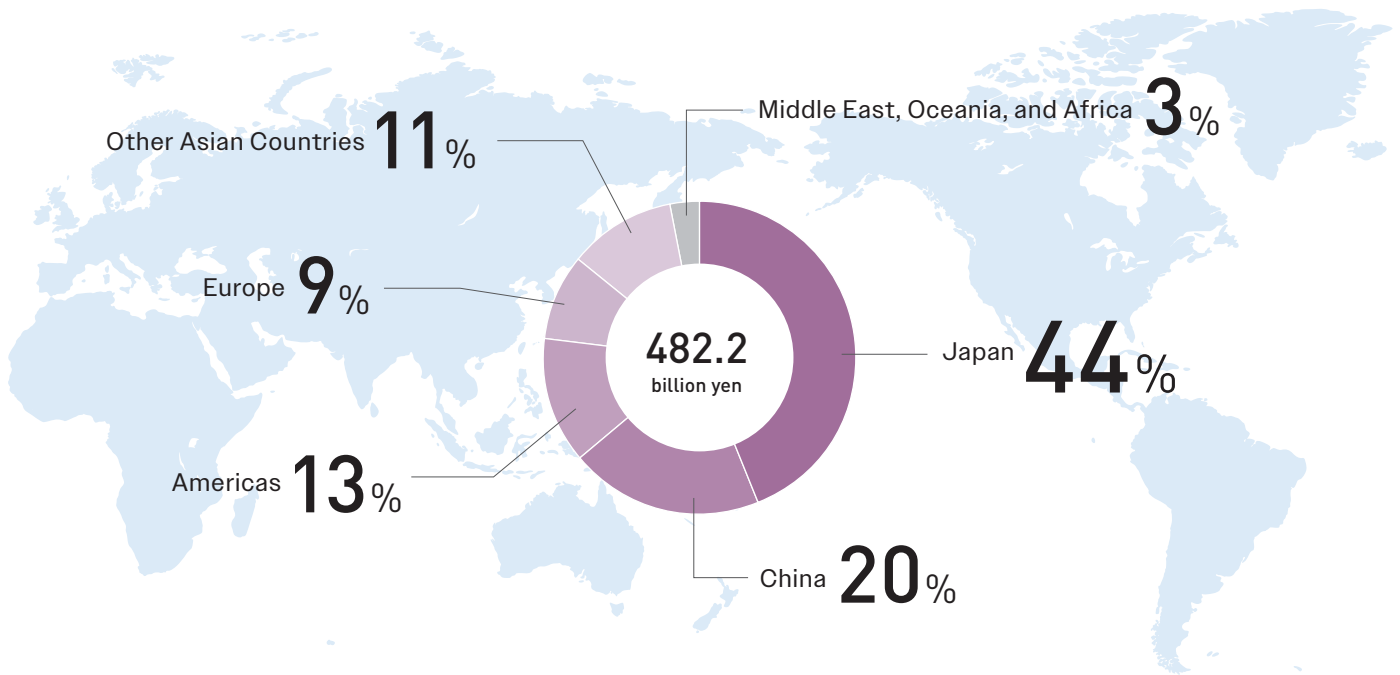
Net Sales by Region



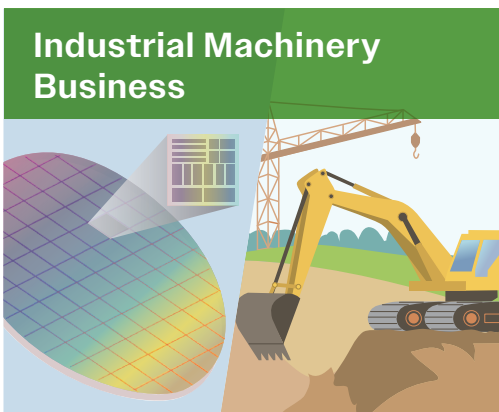
Sales Ratio by Model



Sales Ratio by Region

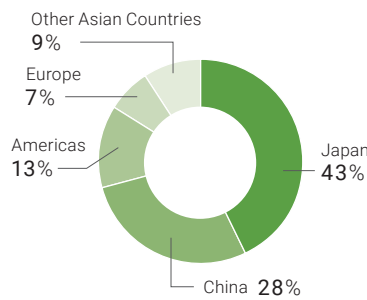


(Note) Percentages have been rounded to the nearest whole number.

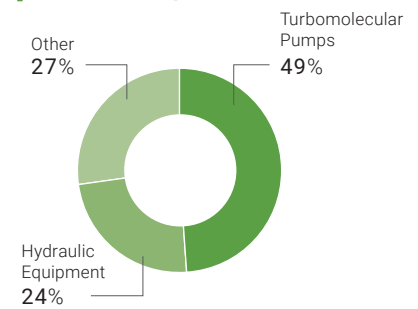


Industrial Machinery Business

Net Sales by Region

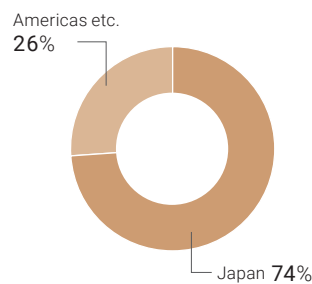


Sales Ratio by Model

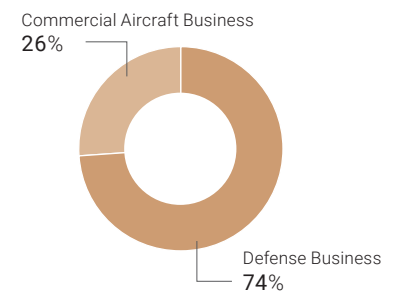


Aircraft Equipment Business

Net Sales by Region



Sales Ratio by Market





Cutting-edge analytical technologies are used for research and development or quality control in a wide variety of fields, including pharmaceuticals, environmental measurement, and the life sciences.



Early Detection of Disease and Drug Development

LCMS systems can measure the types and quantities of components contained in extremely tiny amounts of liquids.



LCMS
(Liquid Chromatograph
Mass Spectrometer)



Analysis for Environmental Conservation and Water Quality Control for Water and Sewer Services

GCMS systems can accurately measure trace components contained in samples.



GCMS
(Gas Chromatograph
Mass Spectrometer)



Functional Components and Safety of Foods

UHPLC systems are used in a wide range of fields from foods to pharmaceutical development for applications ranging from research and development to quality control.



UHPLC
(Ultra High Performance Liquid
Chromatograph)

Strength Evaluation of Various Materials

They are used to test the strength of a wide variety of objects, from materials such as rubber, plastic, or metal to foods, pharmaceuticals, mobile phones, or automobile parts.



Tests on Real Automobile Seats

Precision Universal Testing Machine

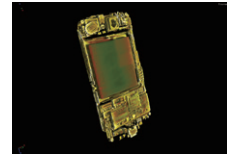


Non-Destructive X-Ray Inspection of Industrial Products

X-rays are used to non-destructively analyze or inspect the interior of objects. This instrument can be used to inspect various industrial products, from electronic components and rechargeable batteries to CFRP/CFRTP and other functionally engineered materials.



Microfocus X-Ray CT Inspection System



3D Image of a Smartphone

Screening Test for Elements Regulated by RoHS

EDXRF can non-destructively measure the types and quantities of elements contained in solids, powders, and liquids.



EDXRF (Energy Dispersive X-Ray Fluorescence Spectrometer)



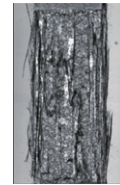
Example of Analysis of Electronic Components (Connectors)

Observation of Industrial Materials

Ultrahigh-speed videos can be recorded at speeds up to ten million frames per second.



High-Speed Video Camera



Example of a Still Image of a High-Speed Tensile Test of Carbon Fiber Reinforced Plastic (CFRP);
Frame Rate: ten million frames/second

Controlling the Concentration of Nitrogen and Phosphorus in Effluent Water

These analyzers can measure nitrogen and phosphorus concentrations contained in effluents discharged into rivers, for example.



Online Total Nitrogen and Total Phosphorus Analyzer

Cleaning Validation in the Pharmaceutical Manufacturing Process

TOC analyzers can measure the total quantity of organic carbon in water, gases, or solids.



TOC (Total Organic Carbon) Analyzer

Confirmation Testing for Pharmaceuticals and Materials

UV-VIS spectrophotometers are used for the acceptance inspection of raw materials, confirmation testing of synthesized substances, and so on. They can also be used for quantitative analysis of water quality.



UV-VIS Spectrophotometer

Analysis of Microcontaminants

Microplastics and trace contaminants of foods, pharmaceuticals, and electronic components can be analyzed using infrared light.



FTIR Spectrophotometer



Microplastics Collected from Coastline



We provide easy-to-operate medical systems equipped with state-of-the-art image-processing technology that reduces patient stress.

These systems contribute to the early detection and treatment of infection, brain/heart disease, cancer, and other diseases in medical facilities worldwide.

The Standard X-Ray Diagnostic Systems

Radiography systems are used for X-ray imaging examinations of the chest, bones, and other parts of the body. In recent years, Shimadzu has expanded and improved the functionality available in combination with other application software to help ensure examinations are performed smoothly.



General Radiography System

Achieving a Healthy and Long Life

Not only gastrointestinal contrast radiography and endoscopic examinations, our latest multi-functional fluoroscopy systems can also be used for orthopedic examinations, such as long-view imaging or Tomosynthesis studies.



Tomosynthesis (multi-slice tomography) technology



Fluoroscopy System

Mobile Diagnostic Imaging Anywhere in the Hospital

The digital mobile X-ray system can be moved to the patient's bedside to take X-ray images and immediately display reference images on the built-in monitor. This system supports a wide variety of situations, such as infectious diseases, disaster response, operating rooms, and emergency care.



Mobile X-Ray System

AI-Based Support for Checking for Objects Left in Patients after Surgery



Supporting Surgical Procedures

This system supports surgery, such as plastic, vascular or breast surgery, by clearly visualizing lymph and blood flow under the tissue surface in real time using near-infrared light.



Near-Infrared Fluorescence Imaging System

Support for Cardiac, Brain, and Whole-Body Vascular Catheterization Procedures

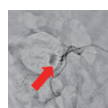
This system provides proprietary image processing technology that helps minimize the burden on patients during catheterization procedures performed to expand arteries constricted by arteriosclerosis or to block arterial aneurysms.



Angiography System



Image of Cardiac Blood Vessels
Improving Catheter Visibility and Reducing Radiation Dose Levels

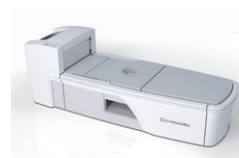


Abdominal Angiography Images
Visualizing Blood Vessels of Interest Using Minimal Radiation without being influenced by Patient or Equipment Movement

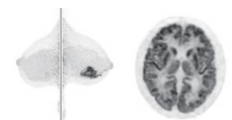
Support for Breast Cancer Diagnosis and Dementia Research

Breast cancer, has a high probability of being cured nowadays if it is discovered early.

With no breast compression, this scanner gently supports breast cancer examination by minimizing pain or anxiety. The new TOF-PET system can also perform brain scans, thereby contributing to dementia research.



Dedicated Head and Breast TOF-PET System



Images of Breast and Head
Data provided by: Division of Positron Emission Tomography, Institute of Advanced Clinical Medicine, Kindai University

*Available in Japan only

Industrial Machinery and Equipment

Manufacturing Semiconductors and Displays

Turbomolecular pumps are vacuum pumps used to create the vacuum environment essential for manufacturing semiconductors and other high-tech products.



Turbomolecular Pump

Manufacturing Ceramics Used in the Automotive and Semiconductor Fields

This furnace is used to harden metals, ceramics, or other materials to increase their strength or ensure a given shape by heat-treating them in a vacuum or pressurized environment.



Vacuum and Pressurized Sintering Furnace

Hydraulic Motive Power Source

Hydraulic gear pumps are widely used as a hydraulic power source for industrial vehicles (forklifts), construction machinery, special-purpose vehicles, and agricultural equipment.



Hydraulic Gear Pump

Motive Power System for Industrial Vehicles

This system controls the direction, pressure, and flowrate of hydraulic oil output from hydraulic gear pumps. Shimadzu products are used in industrial vehicles (forklifts).

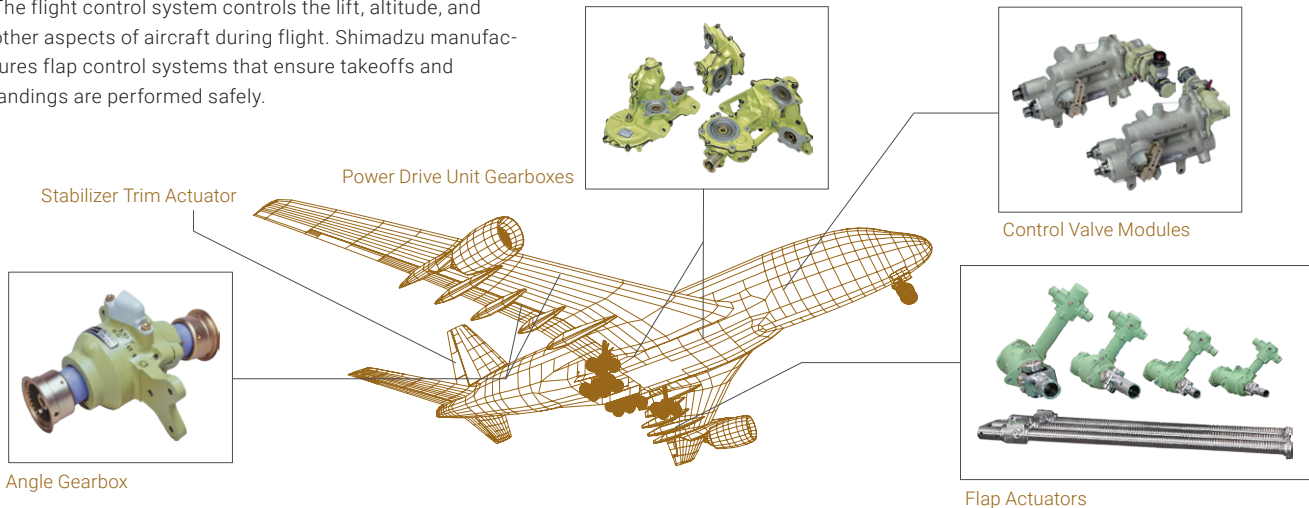


Hydraulic Control Valve

Aircraft Equipment

Ensuring Safe Aircraft Flight and a Comfortable Passenger Environment

The flight control system controls the lift, altitude, and other aspects of aircraft during flight. Shimadzu manufactures flap control systems that ensure takeoffs and landings are performed safely.

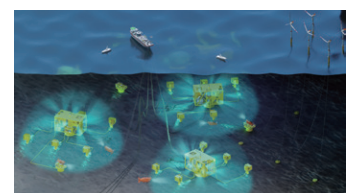


Safe and Efficient Marine Development

Shimadzu is developing an underwater optical wireless communication modem and other marine devices based on laser diode (LD) technology. Previous wireless technology only permitted transmitting small amounts of communication data acoustically through water, but this modem enables 4G-level high-speed communication using laser diodes. For marine applications, such as offshore wind power generation and seafloor resource development, which have attracted significant attention, Shimadzu contributes to improving safety and efficiency by enabling remote control of underwater operations and reducing CO₂ emissions.

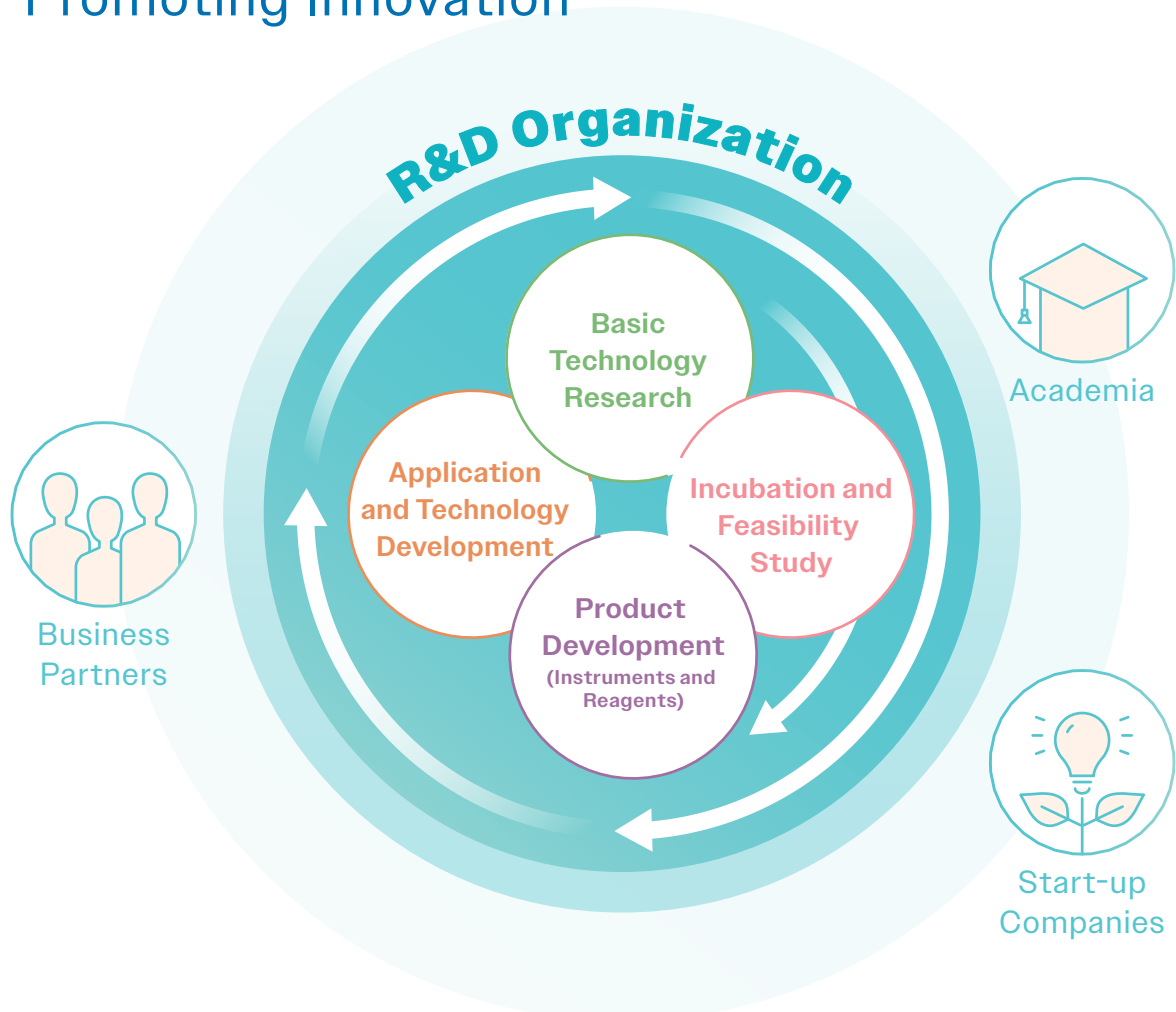


Underwater Optical Wireless Communication Modem

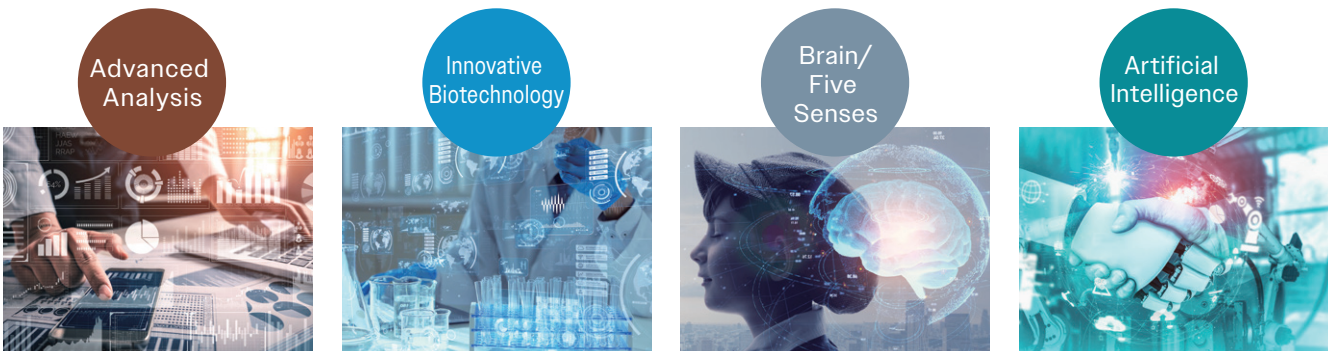


Illustration

R&D Organization and Collaboration Processes for Promoting Innovation



Advanced and Highly Original Technologies Serve as Core Elements for Generating New Value



We aim to develop the world's first technologies in fields such as ion (MS), X-ray, light, and quantum, helping to provide solutions to social problems. We also plan to expand and utilize advanced analytical technologies in both existing and new businesses, leading to new products and services.

We will acquire and develop sophisticated technologies in biotechnology fields, where there has been remarkable technical innovation, to solve customer and societal challenges. The aim is to use innovative biotechnology to generate new customer value in areas such as preventive medicine, early diagnosis, regenerative medicine, and bioproduction.

We are developing technologies for combining measurements of the brain and five senses. The technologies will be used for interventional procedures based on biofeedback coordinated with minimally restrictive brain measurements and stimulation of the five senses to improve human performance and support mental well-being, for example.

We will offer solutions for customer and societal challenges by using a combination of AI and robotics technologies to support the advancement and automation of analysis, measurement, diagnosis, and inspection and, by using AI technology in signal and image processing R&D, create more advanced products and services as well as new businesses.

Contributing to Innovations for a Better Society

Application and Technology Development

To create new technologies and innovations, it is essential that we work with partners in the respective regions where the challenges or needs arise. Consequently, we are engaged in joint development or innovation creation projects with various partners around the world. Such collaborations are based at our Innovation Centers, which are located in various regions around the world.



Application Researches / Collaborative Researches

Americas

- PhRMA
- Development of a semi-preparative supercritical fluid chromatograph



- Providence Cancer Institute, U.S.A.
- New cancer photoimmunotherapy



Europe

Partnered with Total Energies SE in France and two European universities to promote joint research in clean energy



China

Established a joint laboratory on omics research with the Dalian Institute of Chemical Physics, and built a partnership focused on environmental analysis with the Research Center for Eco-Environmental Sciences



Asia

- Changi General Hospital in Singapore
- Mass spectrometry-based clinical testing and research for personalized treatment



Japan

Collaborations with Osaka University and others for researching and developing cultured meat manufacturing technologies and ensuring their actual use in society



Supplying Total Solutions

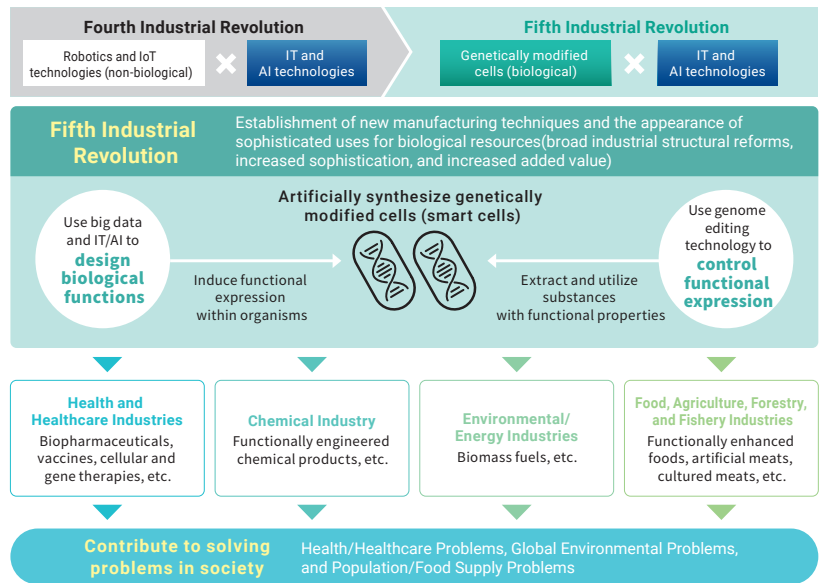
Using Robotics and AI to Create a Platform for Autonomous Scientific Discovery

Utilizing AI Technologies

Joint testing with Kobe University has begun to verify the usefulness of a prototype for the world's first "autonomous lab" system based on robotic, digital, AI, and other technologies. Combining biotechnologies with digital technologies will enable a transition from petroleum and natural gas-based manufacturing methods to biotechnology-based manufacturing methods that will lead to phasing out fossil fuels and reduce CO₂ emissions. Shimadzu aims to deploy an autonomous laboratory system, which includes liquid chromatographs (LC) and liquid chromatograph mass spectrometers (LCMS) for the development of biopharmaceuticals, new materials, and so on.



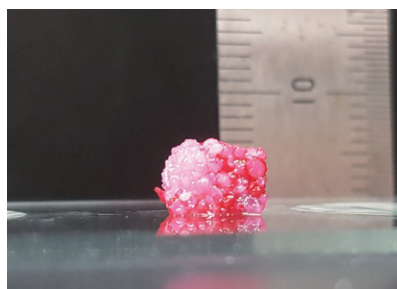
Illustration of Autonomous Lab System



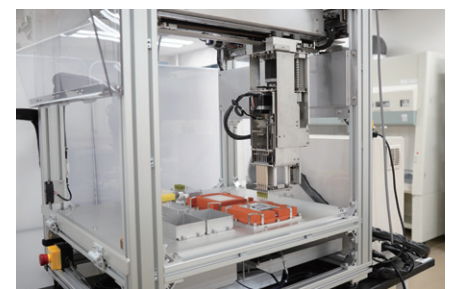
Using 3D Bioprinting Technology to Solve Environmental, Food Supply, Health, and Other Challenges in Society

Bioeconomy

In 2022, Shimadzu signed a partnership agreement with Osaka University and others to promote the use of 3D bioprinting technologies. The partnership aims to promote the adoption of cultured meats by researching and developing automatic production equipment, techniques for analyzing flavor, texture, and other characteristics, and technology for culturing cells. In 2023, the partnership took additional steps toward solving global societal challenges, such as the food supply crisis and environmental problems, by establishing the Consortium for Creating the Future of Cultured Meats and by promoting the adoption of cultured meat manufacturing methods in society.



Cell-based Cultured Meat that Simulates the Structure of Wagyu Beef



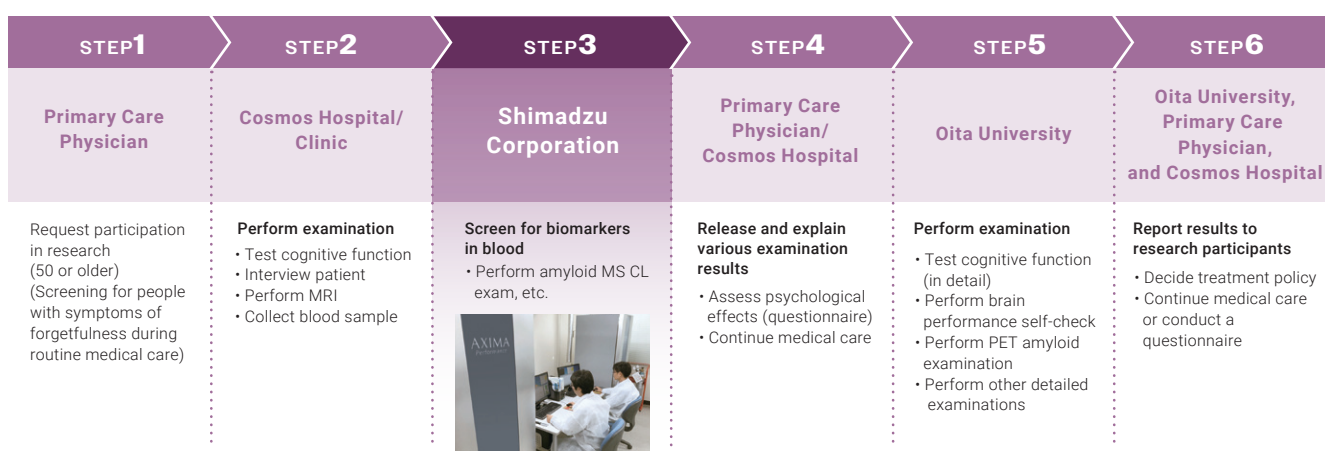
Automatic Cultured Meat Production System (Prototype)

Establishing Japan's First Workflow for the Diagnosis of Dementia Using Blood Biomarkers



Shimadzu partnered with Eisai Co., Ltd., Oita University, and the Usuki City Medical Association to jointly start a cohort study*1 for the early diagnosis of Alzheimer's disease. The site for the research was in Usuki City of Oita Prefecture, where blood biomarkers were used to establish Japan's first workflow for diagnosing mild cognitive impairment (MCI) and Alzheimer's disease. The aim is to contribute to the early diagnosis of Alzheimer's disease by demonstrating the usefulness of using blood biomarkers to healthcare personnel, from primary care physicians to dementia specialists in relevant academic fields.

*1 Research study that investigates changes in the onset and status of diseases based on long-term observation of a specific group of subjects.



Creating "Food and Health" Innovations for Achieving Societies with Longer and Healthier Life Expectancies



In 2019, the Shimadzu Group signed a joint research agreement with the National Agriculture and Food Research Organization (NARO) and established the NARO-Shimadzu Kyoto Laboratory for Food Innovation within Shimadzu. In 2022, Shimadzu and NARO established the Self Care Food Council, with Shimadzu serving as the secretariat, with the objective of achieving a society with longer and healthier life expectancies. In 2023, the partnership established the NARO-Shimadzu Testing Laboratory to support the development of healthy foods and beverages. The laboratory assists in verifying the functional benefits and safety of agricultural products and other foods. It also conducts research and development into healthy foods and beverages and promotes their quick adoption in society.



NARO-Shimadzu Testing Laboratory



NARO Shimadzu Kyoto Laboratory for Food Innovation

Contributing to Sustainability through Our Business Activities

Shimadzu Group Sustainability Management

Ever since its founding, Shimadzu has remained committed to solving challenges in society through our business activities and engaging in business practices that reflect our responsibilities as a member of society. The Shimadzu Group will continue to engage in sustainability management practices in accordance with the Shimadzu Group Sustainability Charter, which was created based on our corporate philosophy, management principles, and the following three criteria.

- 1) Sustainability of the global environment and society
- 2) Sustainability and growth of Shimadzu Group business activities
- 3) Improvement in employee health and engagement



Global Environment and Society

(1) Sustainability of the Global Environment and Society

- Global environmental protection
- Long and healthy life expectancies for people around the world
- Industrial development and a safe and secure society

Shimadzu Group

(2) Sustainability and Growth of Shimadzu Group Business Activities

- Stronger capabilities for supplying social value through business activities
- Addressing and preventing factors that inhibit business sustainability
- Stronger value chains that are unified with suppliers



Employees

(3) Improvement in Employee Health and Engagement

- Improved health management, diversity management, and employee satisfaction
- Development of global human resources
- Increased awareness of the Shimadzu corporate principle and sustainability management practices instilled throughout the company



Shimadzu Group Sustainability Charter

SHIMADZU CORPORATION will create a bright future by engaging in company activities based on two principles - "solve the challenges of society through business operations" and "engage in activities as a responsible member of society" - while working towards harmony between the earth, society, and people.

The Shimadzu Group will engage in sustainability management practices in order to achieve 1) a sustainable global environment and society, 2) sustainability and growth of the Shimadzu Group's business activities, and 3) improvements in employee health and engagement.

<https://www.shimadzu.com/sustainability/concept/index.html>



Environment Management

In order to expand business activities by solving environmental problems and increasing corporate value, Shimadzu will engage in measures to reduce CO₂ emissions, recycle resources from business activities throughout the entire value chain, and offer innovative products and solutions in environmental and alternative energy fields. In addition, we will engage in biodiversity conservation and forestation activities.

Five Measures for Shimadzu Group Environmental Management

(1) Measures to Address Climate Change

In addition to actively introducing renewable energy sources, such as solar power generation and installing smart meters to improve energy efficiency by making energy consumption visible, we will focus efforts on reducing the environmental impact of our entire supply chain.



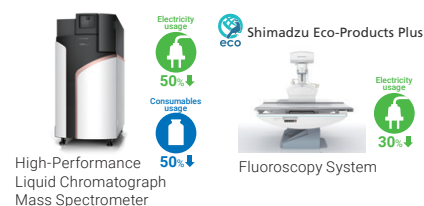
(2) Measures to Establish a Recycling-Oriented Society

We will steadily implement 3R practices (reduce, reuse, and recycle) and maintain a 99 % waste recycling rate at all production sites, research laboratories, and other facilities in Japan. We will also work with suppliers to collect plastic waste more efficiently using IoT technology and strengthen our effluent water and other environmental monitoring capabilities.



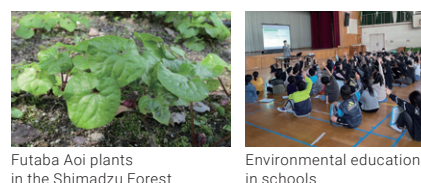
(3) Developing and Supplying Products and Services that Protect the Global Environment

In the environmental testing and alternative energy fields, we will supply products and technologies that help solve the development challenges faced in achieving carbon neutrality. We will reduce our environmental impact throughout the product life cycle by constantly improving energy efficiency and reducing the size of all products.



(4) Activities for Biodiversity Conservation

We will deploy a wide range of biodiversity conservation activities, including forestation activities, and organize environmental education classes at schools in cooperation with local communities, educational institutes, and other groups.



(5) Actively Promote Environmental Conservation Efforts that Involve All Employees

All employees are actively committed to a variety of environmental initiatives as members of Shimadzu, an environmentally friendly company.



Towards Carbon Neutrality

Shimadzu adopted TCFD* recommendations for disclosing climate change-related information and specified science-based targets (SBTs) for the reduction of CO₂ emissions consistent with Paris Agreement temperature targets. In addition, Shimadzu committed to using 100% renewable energies by endorsing the RE100 initiative and is actively engaged in achieving carbon neutrality.

* An international framework that requires businesses to disclose information related to climate change.



Acquired Japan Habitat Evaluation Program (JHEP) Certification

The Japan Habitat Evaluation Program provides an objective assessment of biodiversity conservation or biodiversity restoration measures and is accredited by the Ecosystem Conservation Society - Japan. The Shimadzu Forest at Sanjo Works was the first site in Kyoto Prefecture to earn the highest AAA rating.



Shimadzu Forest at the Head Office/Sanjo Works

Promoting the Use of Diverse Human Resources

Training Advanced Global Specialists through Industry-Academia Collaboration

Since 2021, Shimadzu and Osaka University have been collaborating on the REACH Laboratories Project, which helps Shimadzu engineers and researchers obtain doctoral degrees. The project dispatches employees recruited from within Shimadzu to work as post-doctoral students under the supervision of a prominent researcher in the REACH laboratory established at the Osaka University Shimadzu Omics Innovation Research Laboratories. In 2023, the project expanded to establish the REACH Project, which is intended to foster human resources and leaders who will ensure that research results are implemented in society. After the Osaka University graduate school students finish their master's program, they are hired as Shimadzu employees for their doctoral program, where they are assigned to work on joint research projects. The scope of research themes has been expanded from traditional scientific fields to fields that integrate science with the humanities or social sciences.



Health Management

Promoting the Mental and Physical Health of Every Employee

Shimadzu provides support for employee health management by offering access to full-time public health nurses and counselors who can provide advice or mental health follow-up counseling. To offer the benefits of Shimadzu products and technologies to employees, Shimadzu subsidizes the cost of breast cancer screenings using a dedicated breast PET system and the cost of "MCI Screening Test Plus" testing used to determine the risk of developing mild cognitive impairment (MCI), a preliminary stage of Alzheimer's dementia. In addition to successively extending no-smoking periods, a "kencom" health website, where employees can view information about their health and medication histories, was introduced to encourage employees to proactively adopt healthy habits.

Selected as a Health Management Brand

Shimadzu Corporation has been selected as a Health Management Brand by the Japanese Ministry of Economy, Trade and Industry and the Tokyo Stock Exchange. Additionally, for the seventh consecutive year, Shimadzu Corporation has been recognized jointly by the Japanese Ministry of Economy, Trade and Industry and the Nippon Kenko Kaigi as a "White 500" company, which recognizes large corporations with outstanding health and productivity management practices.

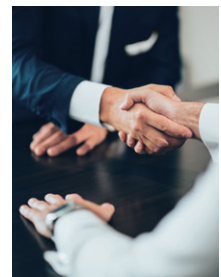


Supply Chain Management

Establishing Symbiotic Partnerships with Suppliers

The Shimadzu Group procures parts, materials, and other supplies for manufacturing products from many suppliers globally. Given that procurement is a basic function that serves as the foundation for other business activities, our procurement policy is to engage with fair trade suppliers, build partnerships with them, fulfill our corporate social responsibility (CSR), and conduct transactions based on the fundamental principles of mutual benefit and EQCD (environment, quality, cost, and delivery). In particular, CSR procurement guidelines have been established to specify the issues Shimadzu and its business partners should address together to fulfill our social responsibilities in the five areas of "human rights and labor," "health and safety," "environment," "ethics," and "business continuity plan (BCP)."

We also make every effort to respect human rights and reduce environmental impact throughout our entire supply chain. That includes establishing internal systems that are consistent with international frameworks for conflict minerals. Procurement standards have been specified to ensure compliance with product chemical content regulations in Europe and other countries, and we are actively engaged in Green Procurement practices for purchasing raw materials with a low environmental impact, based on systems for obtaining non-inclusion guarantees, auditing suppliers, and analyzing samples of all types of parts and materials.



Governance Reforms

Strengthening Corporate Governance

To achieve sustained growth for the Shimadzu Group and increase corporate value in the medium and long-term, Shimadzu established a Corporate Governance Policy in 2015 that specifies concrete measures for implementing the Corporate Governance Codes in practice.

Furthermore, an Appointment and Compensation Committee was established in 2018 as an optional advisory body to the Board of Directors.

The committee increases the objectivity and transparency of director compensation and appointment processes by deliberating and issuing recommendations regarding such issues in advance of Board of Director decisions.

We have also been strengthening our corporate governance throughout the entire Shimadzu Group by making organizational and corporate culture reforms and by increasing employees' awareness and mindfulness of corporate compliance and sensitivity to risk based on a policy of "prioritizing compliance above all else."

Corporate Governance System

Type of Organization	Company with Audit & Supervisory Board Members
Number of Directors (Outside Directors)	Eight (including two women and four independent directors)
Number of Audit & Supervisory Board Members (Outside auditors)	Four (including two independent auditors)
Chairperson (internal director)	Chairperson (internal director)
Director Appointment Term	1 year
Appointment and Compensation Committee	Six (with four outside directors) (chaired by an outside director)
Use of Corporate Officer System	Yes (appointed by Board of Directors)
Accounting Auditor	Deloitte Touche Tohmatsu LLC

CSR

Shimadzu Award and R&D Grants

Shimadzu Science Foundation

The Shimadzu Science Foundation contributes to promoting science and technology. It presents Shimadzu Awards to meritorious individuals involved in science and technology, especially basic research into metrology or related topics, and awards R&D grants to young researchers.



Training Medical Radiographers

Kyoto College of Medical Science

Shimadzu founded the Shimadzu X-Ray Technology Training Center in 1927. This was Japan's first official institution for training X-ray technologists. In 2007, the center reopened as the Kyoto College of Medical Science. Since then, over 4000 people have graduated.



Contributing to Society through Tennis

Shimadzu supports the development of the tennis community by sponsoring the Shimadzu All Japan Indoor Tennis Championships, one of the three major tennis tournaments held by the Japan Tennis Association, and by holding junior tennis classes.



Hands-On Analysis School Promotes Interest in Science

Shimadzu established a science school to provide opportunities for elementary, middle, and high school students interested in science. Since its inception in 2007, over 8,000 participants have deepened their interest in science and technology. Classes have even been conducted at Japanese schools in six countries outside Japan, including the United States, the UK, Germany, China, Singapore, and Malaysia.



Main Facilities outside Japan

Sales/Service Organizations

- Regional Head Office
- Sales and Services



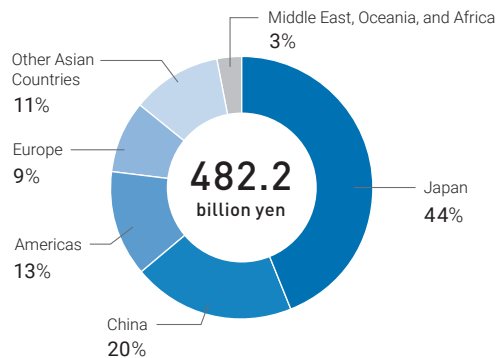
Manufacturing and R&D Organizations

- Application Development
- Manufacturing
- Research and Development
- ★ Innovation Centers

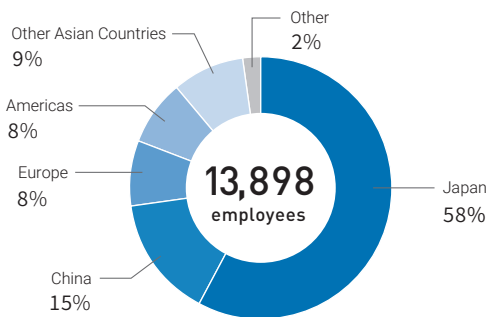




Sales Ratio by Region



Employee Distribution Ratio



Click here for information on bases outside of Japan.

<https://www.shimadzu.com/links/index.html>



Americas

Shimadzu U.S.A. Manufacturing, Inc.



- GCMS (Gas Chromatograph Mass Spectrometer)
- LCMS (Liquid Chromatograph Mass Spectrometer)



Europe

Kratos Analytical Ltd. (UK)



- Mass Spectrometer
- X-Ray Photoelectron Spectrometer



ALSACHIM SAS



- Reagents for LCMS (for COVID-19)



Asia

Shimadzu (Suzhou) Instruments Manufacturing Co., Ltd.



- UHPLC (Ultra High Performance Liquid Chromatograph)
- TOC (Total Organic Carbon) Analyzer
- AA (Atomic Absorption Spectrophotometer)



Beijing Shimadzu Medical Equipment Co., Ltd.



- X-Ray TV System
- General Radiography System
- Mobile X-Ray System



Shimadzu Manufacturing Asia Sdn. Bhd



- Liquid Chromatograph
- UV-VIS Spectrophotometer



Shimadzu Philippines Manufacturing Inc.



- Precision Balance



Tianjin-Shimadzu Hydraulic Equipment Co., Ltd.



- Hydraulic Gear Pump



Corporate Outline

Name	SHIMADZU CORPORATION
Established	March 1875
Formation of Limited Company	September 1917
Head Office	1, Nishinokyo Kuwabara-cho, Nakagyo-ku, Kyoto 604-8511, Japan Phone +81-75-823-1111
Capital	26.6 billion yen
Number of Employees	Unconsolidated: 3,541 Consolidated: 13,898
Number of Consolidated Subsidiaries	23 in Japan 55 Overseas

(As of March 31, 2023)

Directors and Auditors

Members of the Board

Representative Director	Teruhisa UEDA
Representative Director	Yasunori YAMAMOTO
Director	Akira WATANABE
Director	Shuzo MARUYAMA
Outside Director	Hiroko WADA
Outside Director	Nobuo HANAI
Outside Director	Yoshiyuki NAKANISHI
Outside Director	Nami HAMADA

Audit & Supervisory Board Member

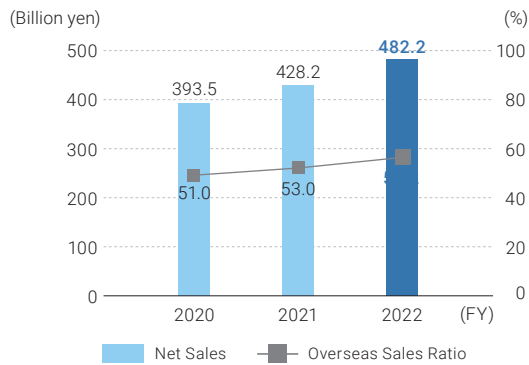
Senior Audit & Supervisory Board Member	Hiroyuki FUJII
Audit & Supervisory Board Member	Makoto KOYAZAKI
Outside Audit & Supervisory Board Member	Tsuyoshi NISHIMOTO
Outside Audit & Supervisory Board Member	Yuka HAYASHI

(As of June 28, 2023)



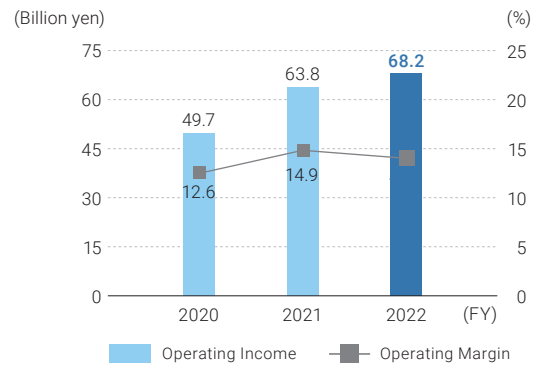
Net Sales/Overseas Sales Ratio

482.2 billion yen | **56.2** %



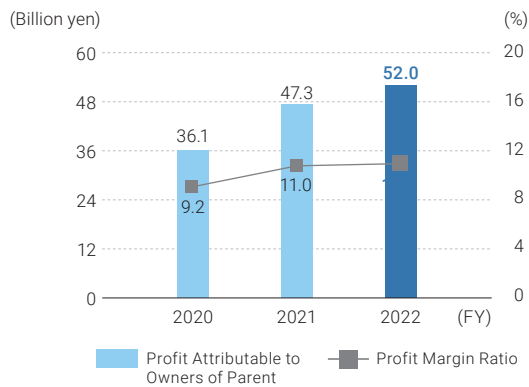
Operating Income/Operating Margin

68.2 billion yen | **14.1** %



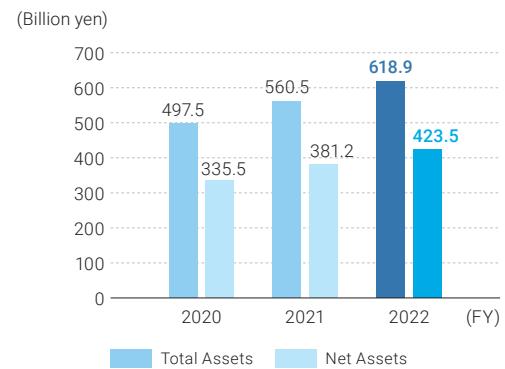
Profit Attributable to Owners of Parent/Profit Margin Ratio

52.0 billion yen | **10.8** %



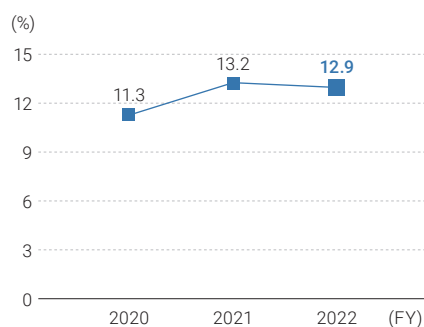
Total Assets/Net Assets

618.9 billion yen | **423.5** billion yen



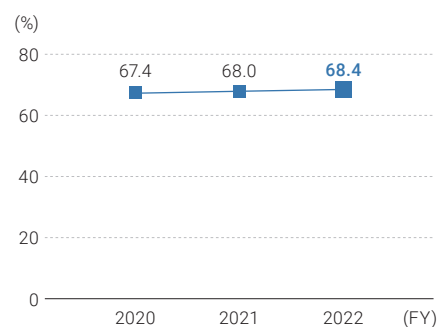
Return on Equity (ROE)

12.9 %



Equity Ratio

68.4 %



Excellence in Science

What can we deliver to each and every user of Shimadzu brand products and services? What should we offer them?
The Shimadzu Group brand statement sums up the answer in three words: "Excellence in Science."

In every corner of the world, our products and services are being used by customers to develop a variety of new products, to protect and restore the environment, and to deliver better health and lifestyles to people.

With pride in these achievements firmly in mind, we strive to further improve our technologies and to enhance our knowledge, so that going forward we can offer even greater technologies, products, and services.