JEMIMA

Japan Electric Measuring Instruments
Manufacturers' Association

Profile of JEMIMA 2021

Japan Electric Measuring Instruments Manufacturers' Association

Message from Chairman, JEMIMA

Japan Electric Measuring Instruments Manufacturers' Association (JEMIMA)

Chairman **Hirozumi Sone**

For over 70 years since its establishment in 1948, the Japan Electric Measuring Instruments Manufacturers' Association (JEMIMA) has been making wide-ranging contributions to the development of society and industry as an incorporated organization that handles electrical measuring instruments that are indispensable foundational tools for R&D, design, and manufacturing in many areas of industry.

The spread of the coronavirus began in 2020, and the world has not yet returned to normal, with serious consequences for the economy. Another effect of the coronavirus is that some companies have accelerated digitization in order to increase sales, and there has been a rush to digitize in some areas. Looking at the coronavirus era, including the establishment of a governmental digital agency, and looking ahead to the post-corona new normal era, it is clear that JEMIMA must keep up the current pace and operate on the leading edge of current trends.

For that purpose, I would like to implement the following three fundamental policies with priority.
Policy number 1 is "digital transformation to promote JEMIMA activity in the new normal era."
As the world reaches new milestones of digitization and transformation of society, JEMIMA's first theme for the new normal era is digital transformation (DX), which covers a wide range of areas from data generation to data operation and data management. Through the DX of industry and societal infrastructure, we will work to expand the value added by member companies, and at the same time we will work on the DX of JEMIMA itself, which includes all the member companies. To consider what specific actions to take, including actions that are not tied to a particular time or place, we will create a new DX Task Force.

Policy number 2 is "innovation in measurement technology to support the data society."
Nowadays, data is the key to the development of society and industry, and it is measurement equipment that produces the data for industry and society. In our data society, it is more and more important for us in the new era to understand and contribute to the measurement and metrology technology, the measurement standards, and the international standards that make use of and expand the range of data and ensure its correctness. That is exactly the realm of JEMIMA, and we believe that a new and deeper appreciation of its importance will lead to an increase in the value of JEMIMA. In addition, we would like to make the importance of this area better known by collaborating with member companies and outside stakeholders.

Policy number 3 is "a connected JEMIMA."
"To connect" means communication.
JEMIMA has been long strengthening these ties through exhibitions and seminars. By providing value through the infrastructure put in place at last year's hybrid Measurement and Control Show for this year's IIFES 2022, we will further strengthen our relationships with member companies, customers, and related organizations in industry, academia, and government to increase the value of JEMIMA and the satisfaction of member companies.

Based on these three pillars, and the foundations laid by past chairpersons, and with the cooperation of the many others involved, we will strive to make an even more attractive JEMIMA that contributes to member companies, customers, and society, as stated in the JEMIMA philosophy.
We appreciate your continued support and cooperation.
Please look forward to big changes at JEMIMA.

Philosophy, Vision, and Mid-term Priorities

As a manufacturers' association, JEMIMA has the following philosophy and has newly defined its vision and mid-term priorities. Through the seven activities and three bases outlined below, JEMIMA will pursue the objectives set out in its philosophy.

Philosophy

JEMIMA, as an association of manufacturers of electric measuring instruments that are the "mother tools" of industry, will strive to support all industries. JEMIMA also aims to meet the expectations of member companies, their customers, and society.

Vision

1. We will be a comprehensive association of measurement and control manufacturers.
2. We will strengthen our global activities and attain global recognition.
3. We will enhance cooperation with other organizations and serve as the hub for gathering and transmitting information mainly on measurement and control.

Mid-term priorities

1. Enhancing global activities
2. Expanding activities by strengthening cooperation with other organizations both in and outside Japan
3. Raising the satisfaction of member companies

Mid-term priorities of committees

Mid-term priorities of committees
Mid-term priorities of committees based on each division policy

[Seven Activities]

Activity to support member companies for strengthening their global competitiveness

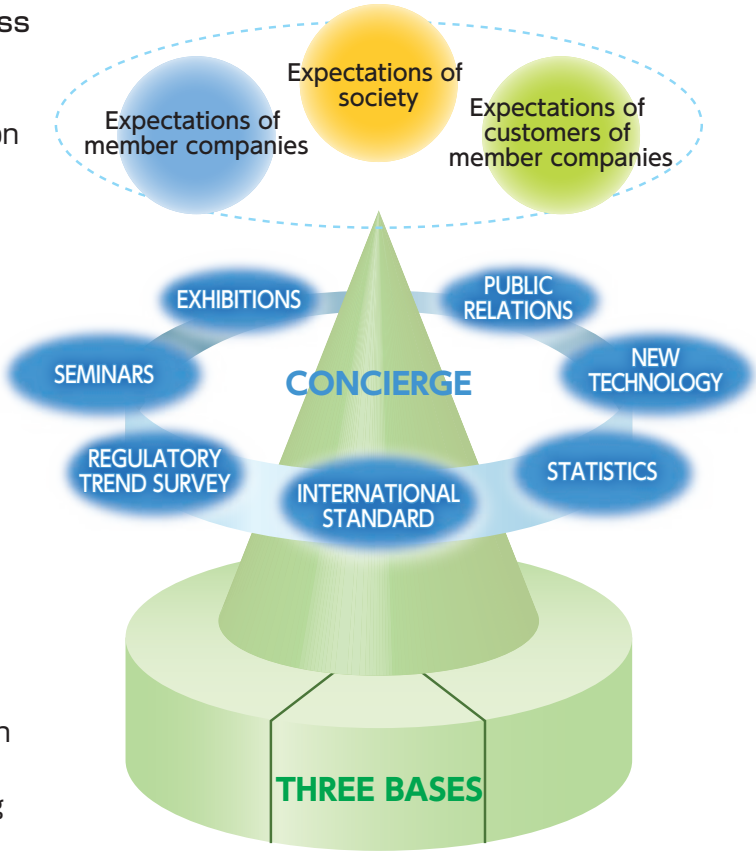
- Surveys of regulatory trends both in Japan and abroad
- Pursuit of international standardization activities
- Compilation of statistical reports

Activity to develop new technology and create business opportunities

- Identification of new technology development themes

Activity to improve the presence of JEMIMA

- Management of public relations
- Organization of exhibitions
- Organization of seminars



[Three Bases]

- Strengthen the JEMIMA organization
- Activate JEMIMA committees by each division guidance
- Expand membership by strengthening member support

① Surveys of regulatory trends both in Japan and abroad

In recent years, manufacturers of industrial products have had to quickly respond to changing regulations both in and outside Japan. JEMIMA regularly conducts timely, detailed surveys on export regulations, environmental regulations, EMC, product safety, and other issues for its members.
To strengthen its presence, JEMIMA works closely with organizations worldwide and sends committee members to the IEC and other international organizations. JEMIMA also continues to develop personnel with the requisite skillset for the global marketplace.

(1) Product safety and EMC

JEMIMA collects information on the enactment and amendment of laws, regulations, and standards both in and outside Japan regarding EMC and the electrical/optical safety of electric measuring instruments and related products, and distributes information on this to member and non-member companies through seminars and other events. JEMIMA has a database of laws and regulations worldwide that member companies are able to search and access.
Since 2009, JEMIMA has participated in the IEC/TC66 (safety of measuring, control and laboratory equipment) technical committee to strengthen its activities in this field.

(2) Export controls

JEMIMA holds briefings on export controls to help member companies comply with export-related laws and regulations.
To help Japanese exporters understand and comply with export control laws and regulations, JEMIMA has published documents whose Japanese titles are translated as “Security Export Control Textbook for Clear Understanding” and “Guidance on Security Export Control Applicability.” A “Hand Carry Procedural Manual” has also been prepared to provide guidance for those going on overseas business trips. Through these activities, JEMIMA helps its member companies better understand export controls.

(3) Environmental conservation

JEMIMA regularly conducts global surveys of environmental regulations such as the RoHS and WEEE directives and the REACH regulations.
JEMIMA sends committee members to lobby European organizations, and based on the results that are achieved, formulates guidelines on how best to respond. Through cooperation with related organizations both in and outside Japan, JEMIMA is working hard to ensure that its members’ opinions are reflected in the regulations and standards of various countries.
JEMIMA also holds seminars on environmental regulations for members, non-members, and students.

(4) Energy Innovation

JEMIMA learn the direction of "adaptation and solution" to major problems related to energy (such as global environmental issues), through exchange opinions with other organizations and experts. Based on the learned results, JEMIMA identify medium- and long-term business opportunities and business risks of member companies. Based on these, JEMIMA will take action including recommendations as an industry association. JEMIMA also maintain the activities of the former Energy and Low Carbon Policy Committee, including maintaining of international standards JEMIMA supported.

(5) Research on functional safety

Through workshops and other activities, JEMIMA helps its members enhance their use of safety instrumented and control systems in the PA and FA fields. JEMIMA also promotes related standards on general requirements (JIS C 0508, 0511) and drafts related JIS standards.

(6) Surveys of various security issues

As in other branches of industry, the networks employed in manufacturing plants increasingly rely on open standards. JEMIMA works together with other organizations to study control system security issues and publishes its findings.

(7) Support of overseas business expansion

JEMIMA exchanges memoranda on cooperation with prominent industrial associations and organizations in Asia (China, Taiwan, Thailand, etc.) and Europe (UK, etc.) and periodically exchanges information with them through reciprocal participation in exhibitions, seminars, workshops, and the like.
JEMIMA has prepared an overseas risk management manual for its members who frequently travel overseas.

② Pursuit of international standardization activities

To raise awareness of Japanese technological advances and stimulate the development of new technologies, we propose international standards to the IEC, ISO, and other international standards organizations.
To assist in the proposal of international standards, JEMIMA holds forums on this topic and serves as a secretariat to support the proposal, deliberation, management, and implementation of international standards.

(1) Positive participation in developing international standards

Commissioned by the Ministry of Economy, Trade and Industry (METI), JEMIMA operates the following technical committees that deliberate international standards in Japan on behalf of the IEC and ISO and sends experts to international conferences to ensure that Japanese opinions are reflected in various standards.

IEC/TC65 (Industrial-process measurement, control, and automation)
IEC/TC45 (Nuclear instrumentation)
ISO/TC30 (Measurement of fluid flow in closed conduits)

(2) Promotion of the development of international standards by IEC/TC65

IEC/TC65 works on developing international standard

in the area of Industrial-process measurement, control and automation, which include devices (e.g. sensors and valves), communication technologies, system wide aspects (e.g. functional safety) and cross-cutting requirements such as smart manufacturing.
The activities of IEC/TC65 contribute to the businesses of member companies and in helping them providing more values to their customers.
TC65 Japan National Committee (JNC), hosted by JEMIMA, is performing efforts to reflect Japanese opinion in various occasions, such as submitting a new standardization proposal, continuing supportive actions in a plenary international conference, and detail works in individual working group, etc.
Two good examples, "The international standardization for factories, plants and smart grids" and "the international standardization for coexistence of the functional safety standard and a security standard", were proposed by JNC, and Japan takes role of convener for each working group. In May 2020, a member of JNC became the chairman of SC65A (system aspects), which is one of the major sub-committees (SC) of IEC/TC65. The acquisition of important position in IEC/TC65 can be expected to increase the influence of Japan in the future. Furthermore, in the smart manufacturing area, IEC/TC65 plays important roles together with constructive contributions by JNC.

(3) Promotion of the development of international standards by IEC/TC45

JEMIMA has been contributing to the development of international standards for nuclear measurement and control, and is continuing in its efforts to standardize nuclear facilities and the measurement of radiation to protect personnel.

(4) Ensuring consistency between JIS and IEC standards

JEMIMA surveys, studies, and develops JIS drafts to ensure consistency between the JIS and IEC standards on industrial process measurement and control instruments, environmental measuring instruments, radiation measuring instruments, and other categories.

③ Compilation of statistical reports

JEMIMA conducts quantitative surveys and analyses on user needs and market trends, compiles mid-term forecasts for major instruments, and announces the results at press conferences and through other media. JEMIMA also engages in other types of research focusing on global topics.

④ Identification of new technology development themes

JEMIMA surveys potential new themes for the development of fundamental technologies that may be of interest to its member companies. For its member companies, JEMIMA explores the potential of new businesses based on these technologies. JEMIMA holds forums for exchanging views with academic societies, research organizations, and government agencies and supports the joint development of target technologies among member companies.

(1) Identification of new themes in the electronic measuring instrument domain

The Electronic Measuring Instruments and Systems Committee is engaged in the study and organization of activities with a view to developing the electronic measuring instruments industry, including the exploration of new business opportunities.

(2) Exploration in the field of smart industrial safety

Based on the knowledge gained through the exchange of opinions with government and user groups, we will support the resolution of issues by utilizing various current and future technologies from the standpoint of measurement and control toward the realization of smart industrial safety.

(3) Surveys of wireless technology

Wireless technology is widely used in PA and FA measurement and control applications. JEMIMA gathers information on international standards, radio transmission measurement, wireless technology (e.g., 5G technology), wireless coexistence, and other related fields.

⑤ Management of public relations

To boost its presence in the industry, JEMIMA issues press releases on its activities that are of interest to the broader society, including surveys of regulatory trends both in and outside Japan, seminars, and lectures.
The activities of JEMIMA's committees are promptly reported to its member companies. JEMIMA works hard to inform the public of the important role that electric measuring instruments play in addressing environmental problems and improving safety.
JEMIMA releases information through its website, a journal, and an e-mail magazine.

⑥ Organization of exhibition

MCS (Measurement & Control show), which has been held alternately in Tokyo (odd-numbered years) and Osaka (even-numbered years) since 1955, is an exhibition that introduces cutting-edge technologies in measurement and control.
From 2019, the Tokyo event will be held jointly with The Japan Electrical Manufacturers' Association (JEMA) and Nippon Electric Control Equipment Industries Association (NECA), and its name has been changed to IIFES (formerly known as MCS TOKYO/SCF) as Major Exhibition of Cutting-Edge Technologies for Automation and Measurement.
The schedule for the next exhibition is as follows
January 2022, Tokyo.
◆ https://iifes.jp/ ◆
October, 2022, Osaka. MCS2022 OSAKA
◆ https://jemima.osaka/ ◆

⑦ Organization of seminars

JEMIMA holds many kinds of technology seminars toeducate measurement and control industry professionals. JEMIMA will continue to plan and hold seminars that meet the needs of its member companies and help people in this industry obtain

IIFES2019

Seminar on economic trends both in and outside Japan

Measurement and Control Show 2020 OSAKA

Seminar on environmental regulations

publicly certified qualifications.
The main topics covered by JEMIMA seminars are as follows:

- Online Japan-China Corporate Exchange Meeting & Japan-Thailand Exchange Meeting
- TPP and Japan-U.S. relations
- Practical case studies on intellectual property contracts
- Regulations in Japan, the U.S., and Europe under radio laws
- Seminars related to radiation measurement
- Briefings on security trade control
- New flow of procurement and purchasing reform
- Basic courses of lectures on product planning and marketing
- Instrumentation safety workshops
- IEC/TC65 international standardization seminars
- JCSS support measurement
- Human resource development training (assertion, OJT, compliance, sales basics, experienced and able employees, managers and supervisors, problemsolving, ways of working, and the like)

8 Other activities

(1) Concierge function

All committees have concierge function to return outcome of committees to member company.
And, we provide concierge service to member companies to meet their individual requests, thereby further enhancing member satisfaction.

(2) Procurement surveys

JEMIMA conducts surveys to facilitate the management of credit-related procurement risks such as the bankruptcy of a supplier.

(3) Promotion of calibration service

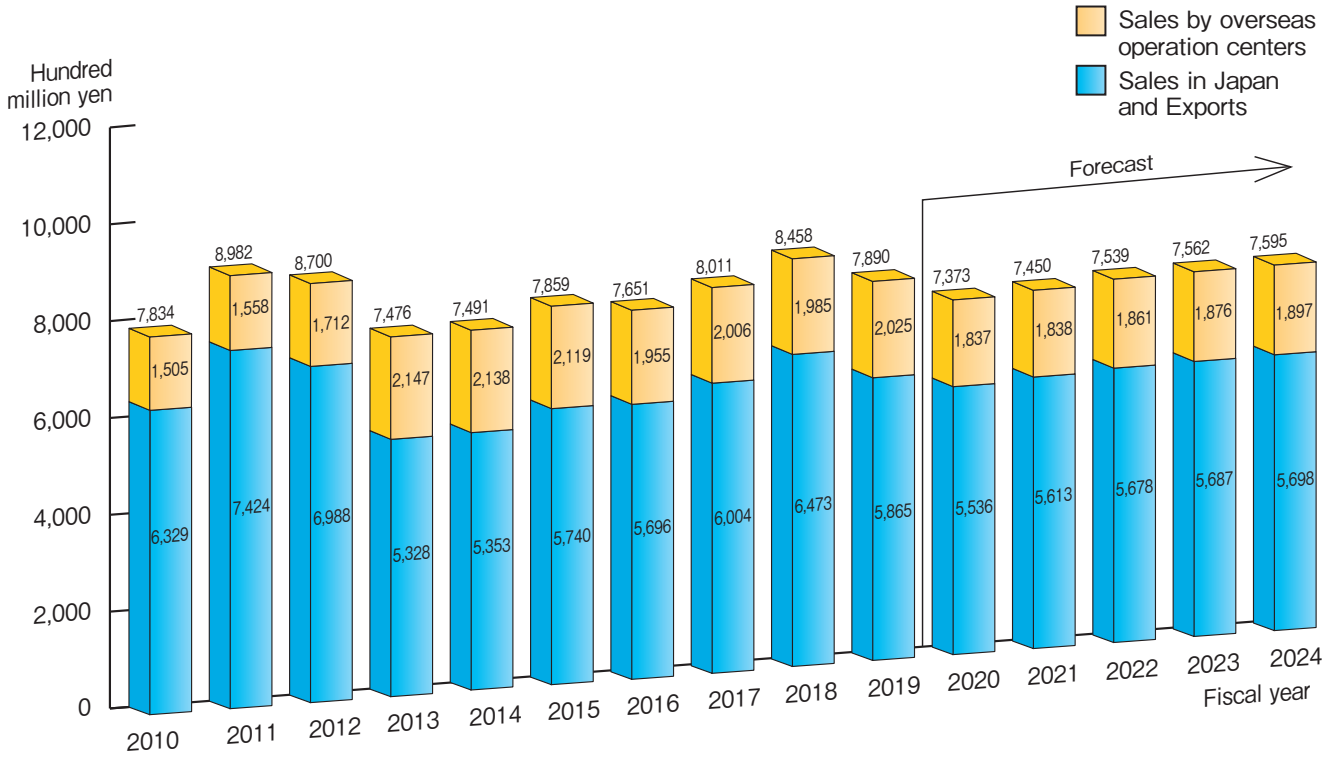
Aiming to grow the calibration service business of its member companies, JEMIMA encourages the use of the Japan Calibration Service System (JCSS) and strives to boost demand for it and solve related issues. These efforts are undertaken with the help of the National Institute of Advanced Industrial Science and Technology (AIST) and the National Institute of Technology and Evaluation (NITE). When necessary, JEMIMA compiles industry opinions and presents them to the government.

(4) Establishment of a Japanese Industrial

Standard for heatstroke meters One of our activities was to add a standard for instruments measuring wet bulb globe temperature (WBGT) indices (heatstroke meters) to the Japanese Industrial Standards (JIS). WBGT index meters conforming to this new JIS standard which are installed at workplaces, sports facilities, and the like are expected to reduce the development of heatstroke and the occurrence of accidents.

Electrical measuring instruments function as "mother tools" of industry and are used for various purposes. They are used in the electronics industry such as semiconductors, digital consumer electronics and telecommunications. They are also used for monitoring, production system control, quality inspection and R&D purposes in a wide range of fields such as steel, chemical, oil refining, electricity, water supply and sewerage.
Electrical measuring instruments are expected to continue to support a wide range of industrial activities, including new measurement needs in high-tech areas.
Every year, JEMIMA conducts statistical surveys on electric measuring instruments and publishes the results as a Mid-term Forecast report.

Actual Sales and Forecast of Sales of Electric Measuring Instruments (As of Dec. 2020)



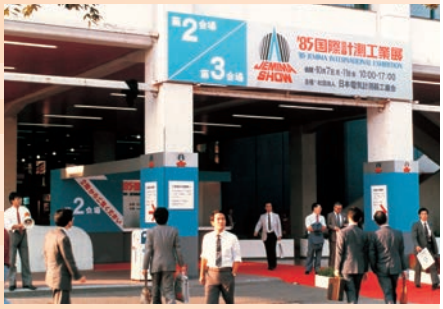
Categories and Products of Electric Measuring Instruments

Electric measuring instruments measure quantities and sizes of substances and phenomena, and are grouped into following 8 (eight) categories.

Electric measuring instruments	Indicating Instruments	Instruments to indicate or record electrical quantities including electricity, voltage, electric power, power factors, and frequency, and other related apparatus
	Electricity Meters	Instruments to measure the demand and supply of electric power and other related equipments
	Electric Test and Measuring Equipment	Equipment to measure, observe, or record electrical and magnetic quantities by electronic means, and Equipment and Apparatus to generate electric and magnetic signals
	Test and Measuring Instruments using Electronic Technology	Equipment and apparatus to detect, measure, indicate, or record physical, chemical, sensory, and other quantities other than electric and magnetic quantities: Excluded are equipments and apparatus for measurement and control in factory automation and process automation, environmental measurement, and radiation measurement. Also excluded are equipments and apparatus that measure mainly by mechanical means, even when their indicators or displays are electronic.
	Measuring and Control Instruments for Factory Automation - FA-	Equipment and systems to identify and measure the status of objects in industrial processes such as machining & assembly industries, mainly handling solids and powder / granular materials, and other equipments and apparatus related to them, including general-purpose equipments converted into measurement and control equipments for factory automation application.
	Process Measuring and Control Instruments	Equipment and systems to continuously measure and control variables of industrial processes that mainly handle fluids, gases, and vapor and related components & parts
	Instruments for Environmental Monitoring	Measuring instruments to measure pollution of the natural environment and changes in natural phenomena, and other related equipments & apparatus
	Radiation Measuring Instruments	Measuring instruments to measure quality and quantity of radiation [x, γ , β , α rays, neutrons and others], measuring instruments that utilize radiation, and other related equipment apparatus

HISTORY

1948	JEMIMA established. Office set up at Ginza, Chiyoda-ku, Tokyo. Kansai Branch established. Office set up at Shimadzu Corporation at Nakagyo-ku, Kyoto Prefecture.
1950	Head office relocated to 1-9-10, Toranomon, Minato-ku, Tokyo.
1951	Measurement Law enacted.
1955	Kansai Branch office relocated to 2-1-39, Dojima, Kita-ku, Osaka-city, Osaka Prefecture. First Measurement Industry Exhibition held (today's Measurement and Control Show Tokyo) in Tokyo.
1956	Basis survey on automation conducted.
1958	Survey on export of electric measuring instruments started.
1959	JEMIMA standards (JEMIS) established. JEMIMA starts to gather statistical data (for indicating meters). Measurement Industry Exhibition held in Yawata, Kyushu.



International Measurement Industry Exhibition 1985

1960	JEMIMA was granted as a legal corporate person, with the status of a public-service corporation.
1961	Product List of JEMIMA Members created. Survey on electric measuring instrument markets made.
1962	Keisoku Kaikan Building completed.
1964	Recent Measuring and Control Equipment Handbook (Industrial Measuring Instrument Guidebook) published.
1965	Survey on the basic situation of the electric measuring instrument industry made.
1967	First electric instrument and measuring instrument exhibition (JEMIMA T & M) held in Nagoya.
1974	First issue of the Outlook on the Electric Measuring Instrument Industry (currently Mid-term Forecast of Electric Measuring Instruments) published.
1978	30th anniversary commemorated. (Booklet entitled "Thirty Years of the Industry of Electric Measuring Instruments" issued.)

IEC/TC65 Tokyo Plenary Meeting, 2008

1979	First issue of the Environmental Measuring Instrument Guidebook published. First electric measuring instrument and new technology presentation / exhibition held in Sapporo.
1981	Measurement Industry Exhibition renamed as the International Measurement Industry Exhibition. Seminars on electronic measuring instruments held in the United States.
1983	Participated as a group at the 1983 Shen Yang Japan Exhibition for Automation Industrial Technology.
1984	Dispatched a mission to China for technical exchange regarding environmental contamination measuring instruments.
1985	Summary report of the Electric Measuring Instrument Industry published.
1987	Basic policy for observing export related laws developed.
1988	Japan Electronics Measurement Exhibition internationalized. 40th anniversary commemorated.
1989	French delegation received. Issuance of JEMIMA Exhibition Update launched.
1990	First JEMIMA Kansai Measuring Plaza held.
1991	Kansai Branch office relocated to the Denshi Kaikan, 6-8-7, Nishi Tenma, Kita-ku, Osaka-city, Osaka Prefecture.
1996	Seminar on measuring held at the Hanoi Institute of Technology (Vietnam).
1997	International Measurement Industry Exhibition renamed as INTERMAC held at the Tokyo International Exhibition Hall (Tokyo Big Sight). Meeting for international exchange with the Korea measuring instrument research consortium held in Seoul. Opened the JEMIMA website.

Keisoku Kaikan Building

1998	50th anniversary commemorated in May.
2000	Internet Measurement Exhibition e-EXPO held. Exchanged a MOU with Taiwan Electrical and Electronic Manufacturers' Association (TEEMA).
2001	Started the delivery of the e-mail magazine "JEMIMA Weekly INFORM".
2003	Opened the MandC (Measurement and Control) portal site. INTERMAC renamed as the Measurement and Control Show. The Measurement and Control Show 2003 Tokyo held at Tokyo Big Sight.
2004	Measurement and Control Show 2004 Osaka held at the Osaka International Convention Center (Grand Cube Osaka).
2005	The international standard proposal ISO 13584-501 (standard for the procedure for registering a PLIB dictionary for measuring equipment) approved as an international standard.
2006	First JEMIMA Committee Activities Report Meeting held.
2007	JEMIMA head office relocated from Toranomon, Minato-ku, Tokyo to Shibadaimon, Minato-ku, Tokyo.
2008	Keisoku Kaikan Building constructed and inaugurated. JEMIMA head office relocated to Nihonbashi-Kakigaracho, Chuo-ku, Tokyo. 60th anniversary commemorated. JEMIMA mid-term forecast published. JEMIMA symbol and logo renewed. IEC/TC65 plenary meeting held in Tokyo.
2009	IEC/TC45 (Nuclear measurement) plenary meeting held in Yokohama.
2010	JEMIMA Session was held at the SICE Annual Conference Taipei Workshop.
2011	Exchanged a MOU with China Instrument Manufacturers Association (CIMA).
2012	JEMIMA was granted the status of "General Incorporated Association".
2013	Exchanged a MOU with The GAMBICA Association Limited. The Measurement and Control Show 2013 Tokyo and the System Control Fair 2013 held at the same date in the same place, Tokyo Big Sight.

2014	Promoted internationalization by inviting members of Thailand Committee and IEC/TC65 adviser group to Measurement and Control Show 2014 OSAKA.
2015	Expansion of regular members' rights.
2016	Exchange a MOU with Technology Promotion Association (Thailand-Japan) <TPA>.
2017	Establishment of four new divisions under the Board of Directors. Kansai Branch office relocated to 1-5-33, Nishimiyahara, Yodogawa-ku, Osaka-city, Osaka Prefecture. The Measurement and Control Show 2017 Tokyo and the System Control Fair 2017 held Tokyo Big Sight.
2018	70th anniversary commemorated (JEMIMA redesigned WEB site and introduced the Web remote conference system.). Expanded the participation venue for Measurement and Control Show 2018 OSAKA held in Osaka International Convention Center (Grand Cube Osaka) 15th anniversary of the Measurement and Control Show OSAKA was commemorated.
2019	Measurement and Control Show TOKYO, a specialized exhibition for measurement and control, and System Control Fair (SCF), a comprehensive exhibition for automation, were renamed to IIFES (Innovative Industry Fair for E x E Solutions) as one exhibition and held at Tokyo Big Sight in November 2019.
2020	The JEMIMA held the Measurement and Control Show 2020 OSAKA (Real Exhibition at Grand Cube Osaka) and the Measurement and Control Show Online Plus (Online Exhibition) as its first hybrid exhibition.

JEMIMA's 70th anniversary

The following publications are published and sold by JEMIMA.

Study Reports

Mid-term Forecast of Electric Measuring Instruments 2020 - 2024 (Issued December 2020)
Guidance on Security Export Control Applicability, 2nd Edition (Issued April 2018)
Hand Carry Procedural Manual, 7th Edition (Issued April 2016)
Guidebook for Environmental Measuring Instruments, 7th Edition (Issued December 2015)
Security Export Control Textbook for Clear Understanding - From ABC to Practical Operation, 2nd Edition (Issued April 2014)
Understanding Safety Instrumentation: Explanation of JIS C 0511 "Functional Safety - Safety Instrumented Systems for the process industry sector" (Issued July 2009)

JEMIMA Standards (JEMIS)

JEMIS 017-2007	Environmental Conditions of Electric Standard Chambers
JEMIS 021-2012	Glossary of Environment Measurement Technology
JEMIS 032-2019	Flow Rate Measurement Method Using an Ultrasonic Flow meter
JEMIS 038-2006	JEMIMA Field Bus
JEMIS 039-2002	Tolerable Values of Electromagnetic Wave Interference Characteristics of Industrial Process Measurement and Control Equipment and Measurement of Them
JEMIS 040-3-2002	Voltage Variation and Flicker Tolerable Value of Low-voltage Power Supply Systems Used in Industrial Process Measurement and Control Equipment Less Than 16 A in Rated Current
JEMIS 041-2002	Face-to-Face Dimensions of a Magnetic Waterworks Meter
JEMIS 042-2003	Long-term Stability of a Magnetic Flow meter
JEMIS 043-2015	Performance Testing Method of a Contact Surface Thermometer
JEMIS 044-2015	Assembly of a Standard Thermocouple

Members List

Regular Members (81 Companies)

(As of June 15, 2021) (Alphabetical Order)

A&D CO., LTD.
ABB BAILEY JAPAN LIMITED.
ACRORAD CO., LTD.
ANRITSU CORP.
ANRITSU METER CO., LTD.
ASAHI PYRO INDUSTRIAL CO., LTD.
AZBIL CORPORATION
CHINO CORP.
CHIYODA TECHNOL CORPORATION
CHUO ELECTRONICS CO., LTD.
DAIDO INDUSTRIES, INC.
DAIICHI ELECTRONICS CO., LTD.
DKK-TOA CORPORATION
DTS INSIGHT CORPORATION
EBARAJITSUGYO CO., LTD.
EMIC CORP.
ENDRESS+HAUSER YAMANASHI CO., LTD.
ENEGATE, CO., LTD.
ENERGY SUPPORT CORP.
ETO DENKI CO., LTD.
FM APPROVALS LLC
FUJI ELECTRIC CO., LTD.
FUJI ELECTRIC METER CO., LTD.
FUKUDEN INC.
GASTEC CORPORATION
GRAPHTEC CORPORATION
HAKARU PLUS CORPORATION
HAMAMATSU PHOTONICS K.K.
HIOKI E.E. CORP.
HITACHI HIGH-TECH SOLUTIONS CORPORATION
HITACHI, LTD.
HORIBA ADVANCED TECHNO, CO., LTD.
HORIBA STEC, CO., LTD.
HORIBA, LTD.
IMV CORPORATION
INTERTEK JAPAN K.K.
ISHIDA CO., LTD
IWATSU ELECTRIC CO., LTD.
KIKUSUI ELECTRONICS CORP.
KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.
KYOTO ELECTRONICS MANUFACTURING CO., LTD.
KYOWA ELECTRONIC INSTRUMENTS CO., LTD.
MEIDENSHA CORP.
MITSUBISHI ELECTRIC CORP.
MIWA ELECTRIC CO., LTD.
MTT CO., LTD.
NAGASE LANDAUER, LTD.
NEW COSMOS ELECTRIC CO., LTD.
NF TECHNO COMMERCE CO., LTD.
NINOMIYA ELECTRIC WIRE CO., LTD.
NOHKEN INC.
OHKURA ELECTRIC CO., LTD.
OI ELECTRIC CO., LTD.
OKAZAKI MFG. CO., LTD.
ONO SOKKI CO., LTD.
OSAKI ELECTRIC CO., LTD.
OVAL CORP.
OYO ELECTRONICS, LTD.
RIKEN KEIKI CO., LTD.
RION CO., LTD.
RKC INSTRUMENT INC.
SHIBUKAWA KUWANO ELECTRICAL INSTRUMENTS CO., LTD.
SHIMADA ELECTRIC CO., LTD.
SHIMADEN CO., LTD.
SHIMADZU SYSTEM SOLUTIONS CO., LTD.
SHINKAWA ELECTRIC CO., LTD.
SONIC CORPORATION.
SUKEGAWA ELECTRIC CO., LTD.
TAKASAGO, LTD.
TEKTRONIX & FLUKE CORPORATION
TOHO ELECTRIC CO., LTD.
TOKYO KEIKI INC.
TOKYO KEISO CO., LTD.
TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
TOSHIBA TOKO METER SYSTEMS CO., LTD.
TOYO KEIKI CO., LTD.
TSURUGA ELECTRIC CORP.
YAMARI INDUSTRIES, LTD.
YASUKAWA ELECTRIC CORPORATION
YOKOGAWA ELECTRIC CORP.
YOKOGAWA TEST & MEASUREMENT CORPORATION

Supporting Members (28 Companies and 13 Organizations)

ABB K.K.
ANALOG DEVICES K.K.
ASAHI KOKUSAI TECHNEION CO., LTD.
CADDi INC.
COSMOS CORPORATION
EIWA CORPORATION
ENDRESS+HAUSER JAPAN CO., LTD.
EPPENDORF HIMAC TECHNOGIES CO.,LTD
FUJI SAFETY SUPPORT CORPORATION
HBM [SPECTRIS CO., LTD.]
KEYSIGHT TECHNOLOGIES JAPAN K.K.
KITAHAMA, LTD.
KONICA MINOLTA, INC.
KYOTO EIC LTD.
MICHELL JAPAN K.K.
NATIONAL INSTRUMENTS JAPAN CORP.
NIHON DENKEI CO., LTD.
ORIX RENTEC CORP.
PEPPERL+FUCHS K.K.
PHC CORPORATION
QSES INC.
RESTAR COMMUNICATIONS CORPORATION
ROHDE & SCHWARZ JAPAN K.K.
SMFL RENTAL COMPANY, LIMITED
STACK ELECTRONICS CO., LTD.
TECHNOHILL CO., LTD.
UL JAPAN, INC.
YOKOGAWA RENTAL & LEASE CORP.

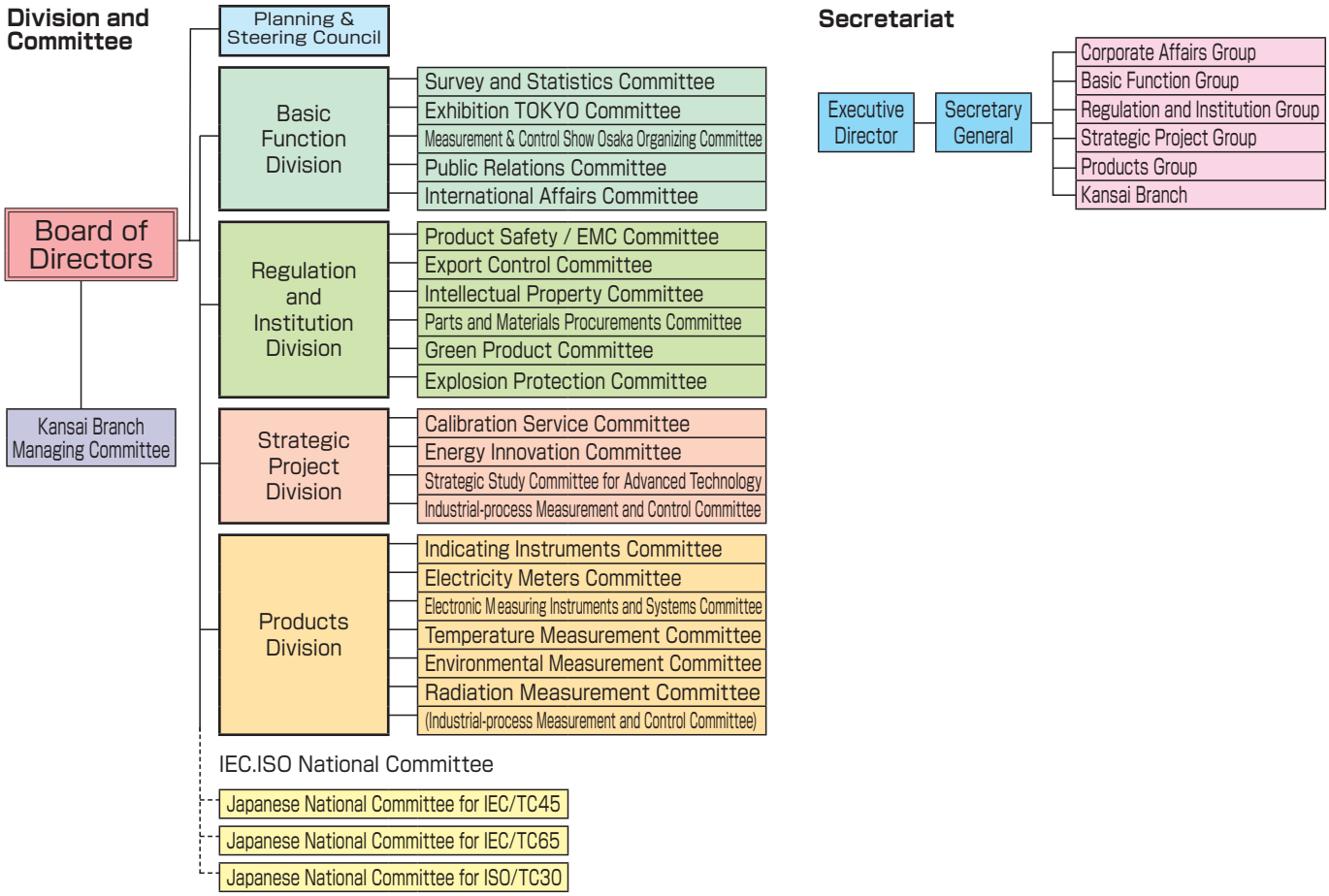
ENGINEERING ADVANCEMENT ASSOCIATION OF JAPAN
FIELDCOMM GROUP, INC.
JAPAN ELECTRIC MEASURING INSTRUMENTS DISTRIBUTORS ASSOCIATION
JAPAN ELECTRONICS AND INFORMATION TECHNOLOGY INDUSTRIES ASSOCIATION
JAPAN SOCIETY OF NEXT GENERATION SENSOR TECHNOLOGY
JAPANESE PROFIBUS ORGANIZATION
KANAGAWA INSTITUTE OF INDUSTRIAL SCIENCE AND TECHNOLOGY
KEC ELECTRONIC INDUSTRY DEVELOPMENT CENTER
RELIABILITY CENTER FOR ELECTRONIC COMPONENTS OF JAPAN
SEMICONDUCTOR EQUIPMENT ASSOCIATION OF JAPAN
THE OSAKA UNIVERSITY RESEARCH ASSOCIATION OF INDUSTRY AND SCIENCE
THE SOCIETY OF INSTRUMENT AND CONTROL ENGINEERS
TRON FORUM

Board Members

(As of June 15, 2021)

CHAIRMAN	HIROZUMI SONE	Chairperson	AZBIL CORPORATION
VICE CHAIRMAN	JUICHI SAITO	Executive Vice Chairman and Group COO	HORIBA, LTD
(Director, Kansai Branch)			
VICE CHAIRMAN	TAKASHI NISHIJIMA	Chairman	YOKOGAWA ELECTRIC CORPORATION
EXECUTIVE DIRECTOR	KENSUKE TOMITA		
DIRECTOR	YOSHIHIDE WATANABE	Chairman and CEO	OSAKI ELECTRIC CO., LTD.
	JUN TANIMOTO	President	OVAL CORPORATION
	KAZUHIDE OKAZAKI	President	OKAZAKI MFG. CO., LTD
	YUJI OKOSHI	President and Representative Director	ONO SOKKI CO., LTD.
	MITSUO IWASAKI	Director General Manager, Quality Assurance Division	KIKUSUI ELECTRONICS CORPORATION
	YASUNORI TOKUMASU	President	SHIMADZU SYSTEM SOLUTIONS CO., LTD
	MIKIO TOYODA	President	CHINO CORPORATION
	TOSHIO TAKAHASHI	President and Representative Director	DKK-TOA CORPORATION
	FUMIHIKO OKANIWA	Technology Executive	TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
	YASUO MIYAKE	President	HAKARU PLUS CORPORATION
	KAZUTOSHI HOSOYA	Special Advisor	HIOKI E.E. CORPORATION
	SHIGERU SUGIYAMA	Board Director	HITACHI HIGH-TECH SOLUTIONS CORPORATION
	HIROSHI TETSUTANI	Executive Officer Corporate General Manager,Power Electronics Systems Industry Business Group	FUJI ELECTRIC CO., LTD.
	HISASHI HUNAKOSHI	Senior General Manager	MITSUBISHI ELECTRIC CORPORATION
	MASANORI TAKAHASHI	Corporate Executive Officer General Manager	YAMARI INDUSTRIES, LTD.
	JUNICHI KOYANO	President	RIKEN KEIKI CO., LTD.
AUDITOR	SHOHEI OHTAKI	Executive Director	JAPAN ELECTRONICS PACKAGING AND CIRCUITS ASSOCIATION
	YOSHINORI TAKAHASHI	President and Representative Director	NEW COSMOS ELECTRIC CO., LTD.
	AKIRA UTSUYAMA	Audit and Supervisory Board Member	HAMAMATSU PHOTONICS K.K.

Organization Chart



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The Japan Electric Measuring Instruments Manufacturers' Association (JEMIMA) provides a wide range of services in the field of measurement and control. Use our services to help your company grow.

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Through JEMIMA, member companies can submit their proposals concerning regulations, international standards, etc.

- Working with METI and other government agencies to communicate the views of its members on regulations and systems both in and outside Japan
- Working with other organizations to communicate its members' views on environmental regulations to the EU and other entities
- Drafting IEC, JIS, and other standards

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Through JEMIMA, member companies can gain access to government agencies, companies in other fields, academic societies, etc.

- Holding exhibitions, committee sessions, and other meetings that allow its member companies to network with others
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- Offering a concierge service to meet the individual requests of members.

Member ship

- Regular members: Corporations engaged in the manufacture of electric measuring instruments Corporations engaged in business related to electric measuring instruments
- Supporting members: Individuals or groups excluding regular members

Contact

Click the "Contact Us" button on the JEMIMA website.

Locations

■ Head office

Keisokukaikan, 2-15-12, Nihonbashi-Kakigaracho, Chuo-ku, Tokyo zip-103-0014 Japan
TEL : 81-3-3662-8181 ～5
FAX : 81-3-3662-8180

Traffic guide

- Tokyo Metro Hanzomon Line Suitengumae Station (Exit 5) 3-minute walk
- Tokyo Metro Hibiya Line Ningyocho Station (Exit A2) 7-minute walk
- Toei Asakusa Line Ningyocho Station (Exit A3) 10-minute walk
- Toei Shinjuku Line Hamacho Station (Exit A2) 8-minute walk

■ Kansai Branch

4F Shin-Osaka UenoToyo Building, 7-4-17, Nishinakajima, Yodogawa-ku, Osaka zip-532-0011

Traffic guide

- Get off at Shin-Osaka Station on the JR Shinkansen, get off at the front exit on the 2nd floor, pass in front of the station rent-a-car on your right, and walk to the west end. Pass under the guard of the JR Umeda Freight Line, pass in front of Subway Exit 7, and go south for about 80m.
- Get off at Shin-Osaka Station on the Subway Midosuji Line and go south from Exit 7 near Umeda for about 80m.

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