

# Japan Electric Measuring Instruments Manufacturers' Association

Profile of JEMIMA

Japan Electric Measuring Instruments Manufacturers' Association

Japan Electric Measuring Instruments Manufacturers' Association (JEMIMA) Chairman **Hitoshi Nara** 

Since its establishment in 1948, JEMIMA has made significant, wide-ranging contributions to society and industry through its dealings with electric measuring instruments, which are the mother tools used by industry in fields such as research, development, design, and manufacturing.

Rapid advances in digital technology have brought about significant changes in society. Here in Japan, industries are being asked to establish connections in different ways and to play a role in adding new forms of value and presenting solutions to social issues as this country strives to become a super-smart society. In today's VUCA\* era of rapid and unpredictable change, businesses, organizations, and individuals need to respond quickly and flexibly, gather information, and solve problems. In this context, measurement and control are becoming increasingly important, and so too the role that JEMIMA plays.

To accelerate change and move on to the next stage, JEMIMA will place an even higher priority on its Mid-term priorities of "Enhancing global activities," "Expanding activities by strengthening cooperation with other organizations both in and outside Japan," and "Raising the satisfaction of member companies." This is as set forth in the JEMIMA Philosophy, which calls for meeting the "Expectations of member companies," "Expectations of society," and "Expectations of customers of member companies." the companies that they do business with, and society.

\* Volatility, uncertainty, complexity, ambiguity

To strengthen its efforts based on these priority mid-term goals, JEMIMA will focus on the following activities:

#### 1. Strengthening resolution of management issues and generating new business opportunities for member companies

In a changing business environment, we will strengthen the collection, analysis, and dissemination of information that companies need to address important topics such as digital transformation, green transformation, AI, circular economy, security, economic security, domestic and international market trends, the utilization of new technology, business transformation, standardization, and the securing and development of human resources, while also pursing co-creation initiatives. Additionally, we will target both technology and back-office issues that impact our members, and seek to increase the number of organizations that are participating in JEMIMA activities.



#### 2. Strengthening initiatives to support globalization of member companies

We will engage in exchanges with organizations that we have concluded MOU agreements with, review and expand our activities, and broaden our dealings with overseas business promotion agencies and industrial associations. In addition, we will disseminate useful information on related trends, overseas capital investment, markets, and other topics for our member companies, enhance the appeal of and interest in globalization, and contribute to the expansion and development of overseas markets for member companies. Furthermore, as an industrial association, we will develop unique JEMIMA human resource development courses that use standardization activities as a tool to train engineers, marketers, and other professionals who can work globally.

# **3.** Increasing opportunities for interaction and collaboration with fellow members and related organizations

We will increase opportunities for face-to-face interactions among our members and related organizations. In particular, we will regularly schedule opportunities for frank discussions between JEMIMA-related committee members and secretariat staff. We hope this generates ideas that lead to new projects, the sharing of information among committee members, and the revitalization of their activities. Furthermore, we will devise ways to encourage the participation of experts in different fields who are not JEMIMA members.

In addition, to strengthen the dissemination of information and produce more opportunities for interaction with members of the press and students, we will create online media channels and strengthen exchanges and collaborations through related organizations.

#### 4. Operational reforms to put JEMIMA's management on a firmer footing

To put the management of JEMIMA's activities on a firmer footing, we will consider a membership system for participation in committee activities and the like, and for the effective utilization of the Keisoku Kaikan facilities. We will also introduce a mechanism to revitalize committee activities and review the procedures and methods for formulating concrete business plans and budgets that are aligned with our key goals.

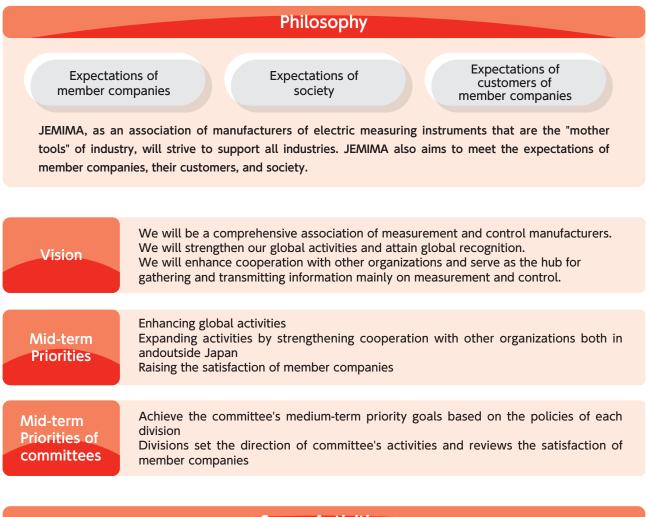
# 5. Collective JEMIMA effort to hold Measurement and Control Show 2026 (tentative name)

Fundamental changes will be made to the biennial Measurement and Control Show that is held in Osaka. With the participation of many member companies, we aim for this to be an event where people can learn, think, and act, in addition to providing all the traditional exhibition functions. Centering on a newly established "Measurement and Control Show NEXT Planning and Execution Committee" (tentative name), we will work with related organizations and other entities, and this will combine the strengths of the JEMIMA committee and the member companies.

In addition to these key initiatives, we will begin to consider the formulation of a JEMIMA mid- to long-term plan that will be based on the "Mid- to Long-Term Direction of the Electric Measuring Instrument Industry." This will take the place of our current mid-term objectives, and we will aim for its publication at the time of JEMIMA's 80th anniversary. We will promote these key measures and aim to strengthen the appeal of our industrial association. We would appreciate the continued guidance and support of our members, related government agencies, and related organizations.

# 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.



### Seven Activities

Support member companies for strengthening their global com- petitiveness	Develop new technology and create business opportunities	Improve the presence of JEMIMA
<ol> <li>Surveys of regulatory trends both in Japan and abroad</li> <li>Pursuit of international stand- ardization activities</li> </ol>	4 Identification of new tech- nology development themes	<ul><li>5 Public Relations</li><li>6 Exhibitions</li><li>7 Seminars</li></ul>

3 Research and Statistics

#### 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.

#### • 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.

#### Export controls

JEMIMA holds export control seminars on an ongoing basis to help member companies comply with exportrelated 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.

#### • 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 member's opinions are reflected in the regulations and standards of various countries.

JEMIMA also holds seminars on environmental regulations for members, non-members, and students.



Seminar on economic trends both in and outside Japan

#### 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.

#### 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.

#### 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.

#### • 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 signed Memorandum of Understanding for mutual cooperation with the following organizations.

Taiwan Electrical and Electronic Manufacturers' Association (TEEMA, Taiwan), 2000

China Instrument Manufacturer's Association (CIMA, China), 2011

The GAMBICA Association Limited (GAMBICA, UK), 2013

Technology Promotion Association (TPA, Thailand), 2016

Tsinghua University Science Park (TusPark, China), 2022

# 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.

• **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 closedconduits)



#### • 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 subcommittees (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.

#### • 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.

#### • 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** Research and Statistics

JEMIMA conducts quantitative surveys and analyses on user needs and market trends, compiles midterm 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.

• 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.

#### 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.

#### 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** 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 Exhibitions

Since 1955, we have held measurement and control Show (MCS) in Tokyo and Osaka to introduce cutting-edge technologies in measurement and control. In 2019, the Japanese Electrical Manufacturers' Association (JEMA) and the Nippon Electric Control Technology Industries Association (NECA) jointly held the Tokyo exhibition. The name of the exhibition was changed to "IIFES (formerly known as MCS TOKYO / SCF) a comprehensive exhibition of automation and measurement technologies. "MCS Osaka" is held in Osaka as Exhibition of Measurement and Control solution, leading the manufacturing excellence.

<Exhibition Schedule>

IIFES 2025: November 2025 in Tokyo.

MCS 2026 (tentative name) :October 2026 in Osaka.



Measurement and Control Show 2024 OSAKA at Osaka International Convention Center



IIFES 2024 at TOKYO BIG SIGHT



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

- Information on the global situation and its impact on Japanese companies
- 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
- Human resource development training (assertion, OJT, compliance, sales basics, experienced and able employees, managers and supervisors, problemsolving, ways of working, and the like)



Seminar on environmental regulations

# **Major JEMIMA Activities**

### 8 Other activities

#### Concierge service

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.

#### Procurement surveys

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

#### Promotion of calibration service

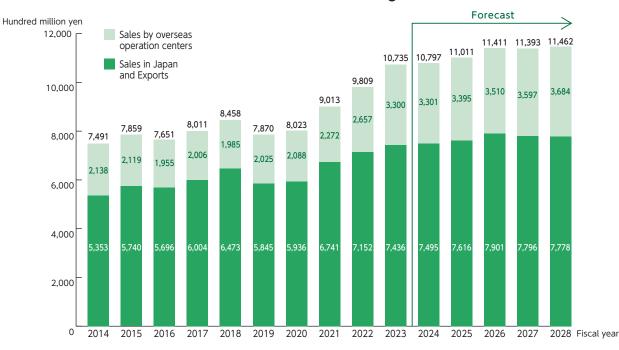
Aiming to grow the calibration service business of its member companies, JEMIMA encourages the use of the Japan Calibration Service System (JCSS) and strives to boost demand for it and solve related issues. These efforts are undertaken with the help of the National Institute of Advanced Industrial Science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

#### • 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. 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. 2024)

#### 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.

- 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 equipment
- 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 Electro
  - Measuring and Control Instruments for Factory Automation 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 equipment and apparatus related to them, including general-purpose equipments converted into measurement and control equipment 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 Measuring instruments to measure pollution of the natural environment and changes in natural phenomena, and other related equipment & apparatus
- Radiation Measuring Measuring instruments to measure quality and quantity of radiation [x,  $\gamma$ ,  $\beta$ ,  $\alpha$  rays, neutrons and others], measuring instruments that utilize radiation, and other related equipment apparatus

# Publications (Study reports and JEMIMA standards)

### **Study Reports**

- Mid-term Forecast of Electric Measuring Instruments 2024-2028 (Issued December 2024)
- 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)

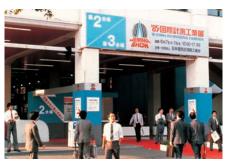
JEMIS 017-2007	Environmental Conditions of Electric Standard Chambers	
JEMIS 021–2012	Glossary of Environment Measurement Technology	
JEMIS 032–2019	Flow Rate Measurement Method Using an Ultrasonic Flow meter	
JEMIS 038-2006	JEMIMA Field Bus	
JEMIS 039-2002	Tolerable Values of Electromagnetic Wave Interference 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	



## **History**



- 1948 JEMIMA established. Office set up at Ginza, Tokyo.
- 1948 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.
- 1955 Kansai Branch office relocated to 2-1-39, Dojima, Kita-ku, Osaka-city, Osaka Prefecture.
- 1955 First Measurement Industry Exhibition held (today's Measurement and Control Show Tokyo) in Tokyo.
- 1959 JEMIMA standards (JEMIS) established.
- 1959 JEMIMA starts to gather statistical data (for indicating meters).
- 1960 JEMIMA was granted as a legal corporate person, with the status of a public-service corporation.
- 1974 First issue of the Outlook on the Electric Measuring Instrument Industry (currently Mid-term Forecast of Electric Measuring Instruments) published.
- 1981 Measurement Industry Exhibition renamed as the International Measurement Industry Exhibition.
- 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.
- 1997 Opened the JEMIMA website.
- 1997 International Measurement Industry Exhibition renamed as INTERMAC held at the Tokyo International Exhibition Hall (Tokyo Big Sight).
- 2002 JEMIMA Kansai Measuring Plaza renamed as Measurement and Control Show OSAKA.
- 2003 INTERMAC renamed as the Measurement and Control Show TOKYO.
- 2008 Keisoku Kaikan Building constructed and inaugurated. JEMIMA head office relocated to Nihonbashi-Kakigaracho, Chuo-ku, Tokyo.
- 2008 60th anniversary commemorated. JEMIMA mid-term forecast published. JEMIMA symbol and logo renewed.
- 2008 IEC TC65 (Industrial-process measurement, control and automation) plenary meeting held in Tokyo.
- 2009 IEC TC45 (Nuclear measurement) plenary meeting held in Yokohama.
- 2012 JEMIMA was granted the status of "General Incorporated Association".
- 2017 Kansai Branch office relocated to 1-5-33, Nishimiyahara, Yodogawaku, Osaka-city, Osaka Prefecture.
- 2018 70th anniversary commemorated (JEMIMA redesigned WEB site and introduced the Web remote conference system.).
- 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.
- 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.
- 2020 Kansai Branch office relocated to 7-4-17, Nishinakajima, Yodogawaku, Osaka-city, Osaka Prefecture.



International Measurement Industry Exhibition 1985



Keisoku Kaikan Building



IEC TC65 Tokyo Plenary Meeting, 2008



JEMIMA's 70th anniversary

### Regular Members (81 Companies) (As of July 1, 2025) (Alphabetical Order)

ABB BAILEY JAPAN LIMITED. ACRORAD CO., ITD. ALOKA CO., LTD ANRITSU METER CO., LTD. ASAHI PYRO INDUSTRIAL CO., LTD. AZBIL CORPORATION CHIYODA TECHNOL CORPORATION CHUO ELECTRONICS CO., LTD. COSMOS CORPORATION DAIDO INDUSTRIES, INC. DKK-TOA CORPORATION DTS INSIGHT CORPORATION EBARA JITSUGYO TECHNOLOGIES CO., LTD. EMIC CORP. ENDRESS+HAUSER YAMANASHI CO., LTD. ENEGATE, CO., LTD. ENERGY SUPPORT CORP. ETO DENKI CO., LTD. FLUKE CORPORATION 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, ITD. HORIBA ADVANCED TECHNO, CO., LTD. HORIBA STEC, CO., LTD. HORIBA, LTD. 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. MAXELL, 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. PEPPERL+FUCHS K.K.

RIKEN KEIKI CO., LTD. RION CO., LTD. RKC INSTRUMENT INC. SAFTEC CO.,LTD SANSHA ELECTRIC MANUFACTURING CO., LTD. SHIBUKAWA KUWANO ELECTRICAL INSTRUMENTS CO., LTD. SHIMADA ELECTRIC CO., LTD. SHIMADEN CO., LTD. SHIMADZU SYSTEM SOLUTIONS CO., LTD. SHINKAWA SENSOR TECHNOLOGY, INC. SONIC CORPORATION. SUKEGAWA ELECTRIC CO., LTD. TAKASAGO, ITD. TEKTRONIX, INC. TOHO ELECTRIC CO., LTD. TOKYO KEIKI INC. TOKYO KEISO CO., I TD. TOSHIBA CORPORATION TOSHIBA TOKO METER SYSTEMS CO., LTD. TOYO KEIKI CO., LTD. TOYOTA TECHNICAL DEVELOPMENT CORPORATION TSURUGA ELECTRIC CORP. YAMARI INDUSTRIES, I TD. YASUKAWA ELECTRIC CORPORATION YOKOGAWA ELECTRIC CORP. YOKOGAWA TEST & MEASUREMENT CORPORATION

### Supporting Members (17 Companies and 13 Organizations)

ABB K.K. ANALOG DEVICES K.K. ASAHI KOKUSAI TECHNEION CO., LTD. EIWA CORPORATION ENDRESS+HAUSER JAPAN CO., LTD. EPPENDORF HIMAC TECHNOGIES CO.,LTD KEYSIGHT TECHNOLOGIES JAPAN K.K. KITAHAMA, LTD. KONICA MINOLTA, INC. KYOTO EIC LTD.

ORIX RENTEC CORP. PHC CORPORATION PST JAPAN K.K. ROHDE & SCHWARZ JAPAN K.K. SMFL RENTAL COMPANY, LIMITED TECHNOHILL CO., LTD. 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 July 1, 2025)
CHAIRMAN	HITOSHI NARA	Director, President & CEO, Representative Executive Officer	YOKOGAWA ELECTRIC CORPORATION
VICE CHAIRMAN	KIYOHIRO YAMAMOTO	Director, Representative Corporate Executive, President & Group CEO	AZBIL CORPORATION
VICE CHAIRMAN	HIROSHI TETSUTANI	Director and Executive Officer Corporate General Manager, Power Electronics Systems Industry Business Group	FUJI ELECTRIC CO., LTD.
VICE CHAIRMAN (Director, Kansai Branch)	JUICHI SAITO	Executive Vice Chairman and Group COO	HORIBA, LTD
EXECUTIVE DIRECTOR	JUNICHI EGUCHI		
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	Corporate Advisor	KIKUSUI ELECTRONICS CORPORATION
	TAKASHI KUWAHARA	President	SHIMADZU SYSTEM SOLUTIONS CO., LTD
	MIKIO TOYODA	President	CHINO CORPORATION
	KAZUYUKI TAKASHIMA		DKK-TOA CORPORATION
	YOICHI TAKAYANAGI	Technology Executive	TOSHIBA CORPORATION
	YASUO MIYAKE	President	HAKARU PLUS CORPORATION
	TSUTOMU YAMAGUCHI	Executive Officer, Director of Quality Assurance Department	HIOKI E.E. CORPORATION
	TETSUJI TAKADA	Board Director	HITACHI HIGH-TECH SOLUTIONS CORPORATION
	KENSUKE NORITAKE	President	YAMARI INDUSTRIES, LTD.
	SHUJI TAJIMA	Executive Officer Executive General Manager, Corporate Administration Division	RIKEN KEIKI CO., LTD.
AUDITOR	TAKASHI WATANABE	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.

Measurement & Control Show PLanning         Organizing Committee(tentative name)         Basic       Survey and Statistics Committee         Function       Public Relations Committee				
	g &			
Division International Affairs Committee				
Board of Directors       Regulation and Institution Division       Product Safety / EMC Committee Export Control Committee         Product Safety / EMC Committee       Export Control Committee	e			
Kansai Branch Managing Committee         Strategic         Industrial-process Measurement and Control Commi Energy Innovation Committee           Division         Strategic Study Committee for Advanced Techno				
Products Division Products Division Products Division Products Division Products Division Products Division Callibration Service Committee Explosion Protection Committee Electricity Meters Committee Electroic Measuring Instruments and Systems Committee Environmental Measurement Radiation Measurement Committee (Industrial-process Measurement and Control Committee	tee			
IEC, ISO National Committee				
Japanese National Committee for IEC TC45				
	Japanese National Committee for IEC TC65			

#### Secretariat

		Corporate Affairs Group	
		Basic Function Group	
Executive	Secretary	Regulation and	
Director	General	Director 🗌 General 🗌	Institution Group
		Strategic Project Group	
		Products Group	
		Kansai Branch	



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