エミック株式会社

Company Profile






Partner for Your Quality.

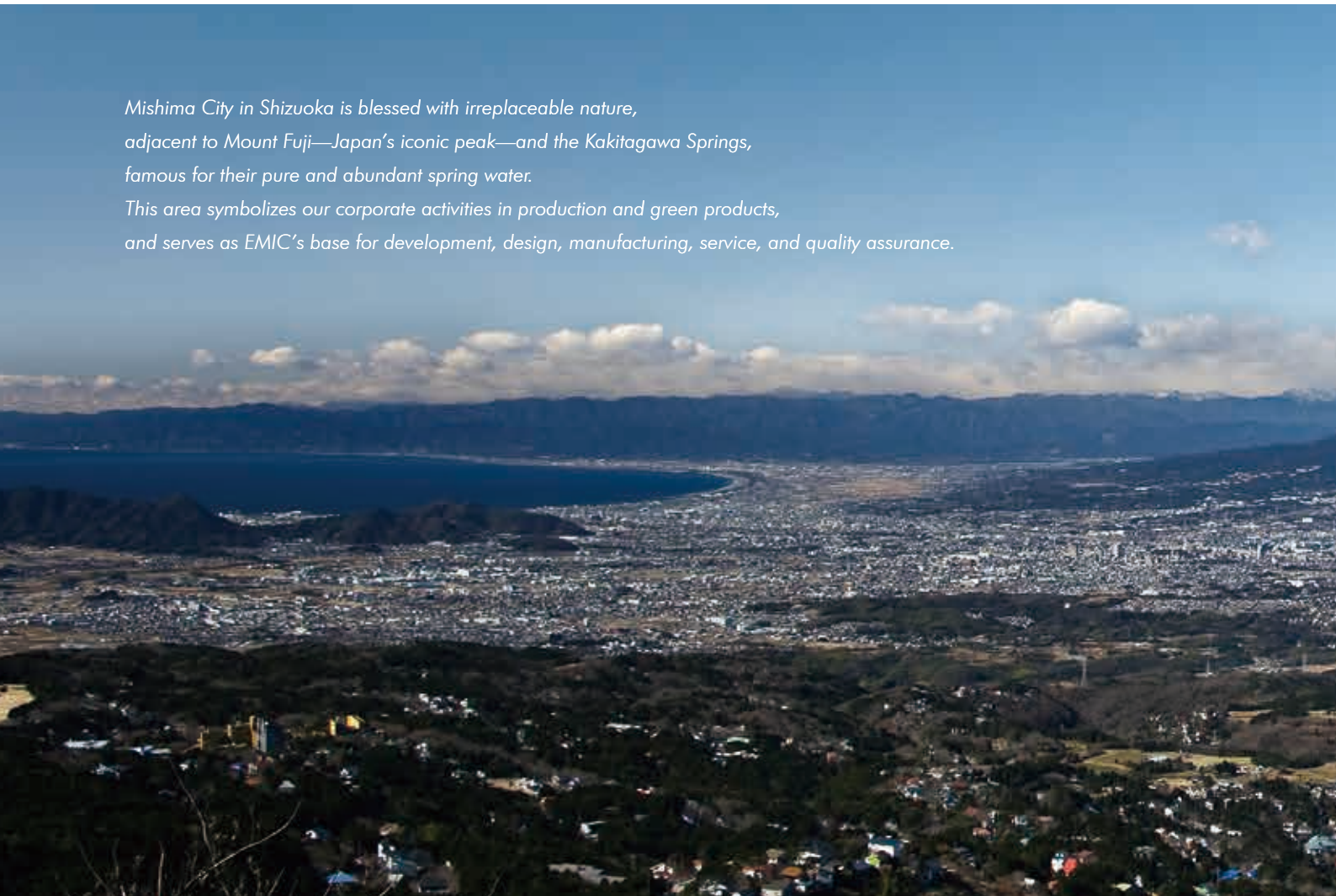
EMIC CORPORATION

EMIC Corporation is a comprehensive manufacturer
offering combined environmental test systems
for quality, reliability, and durability testing.

EMIC CORP.

**Our challenge is to contribute to society
as a partner supporting the quality of industries
that sustains people, the environment, and the future.**

EMIC's test equipment and solutions aim to contribute to people and the environment
as a trusted partner supporting the quality, reliability, and safety of products,
by engaging in the development of new industries and state-of-the-art technologies
in fields such as environmental technology, electronics, automotive, and aerospace.



Mishima City in Shizuoka is blessed with irreplaceable nature,
adjacent to Mount Fuji—Japan's iconic peak—and the Kakitagawa Springs,
famous for their pure and abundant spring water.
This area symbolizes our corporate activities in production and green products,
and serves as EMIC's base for development, design, manufacturing, service, and quality assurance.

To Remain a "Partner for Your Quality."

Since its founding as a manufacturer of vibration test systems, EMIC has contributed to improving the reliability and safety of products across a wide range of industries, including electronics, precision machinery, heavy electrical equipment, automobiles, and aerospace.

Looking back over the past two decades, the pace of evolution and technological innovation in products such as computers, automobiles, and mobile phones has been truly beyond imagination. Today, in manufacturing fields, qualities such as safety, efficiency, design, and performance are taken for granted, and the needs of products, technologies, people, and customers are rapidly changing.

We will continue to respond flexibly to these changes and aim to contribute to society by providing timely solutions that deliver higher reliability and safety—precisely what is needed now. Our mission, above all, is to swiftly put into practice the technologies cultivated over our 55-year history together with the new innovations that will shape our future.

We sincerely appreciate your continued understanding and support.

Makoto Kamio
President and CEO





EMIC CORPORATION Company Overview

Company Information

Corporate Name	EMIC CORPORATION
Founded	September 25, 1963
Establishment	July 1, 1971
Representative Director	Makoto Kamio, President and CEO
Capital	90.8 million Yen
Employees	173 (as of June 2025)
Business	Manufacture and sales of vibration test systems, vibration measuring instruments, and environmental reliability test systems, as well as provision of contracted testing services.
Main Products	• Electrodynamic Vibration Test Systems • Combined Vibration and Temperature/Humidity Environmental Test Systems • Rapid Temperature Change Chambers • Inspection Systems for Airbag Applications • Vibration Control Systems • Charge Amplifiers • Vibrometer Calibration Systems • Vibration Measuring Instruments, etc.
Main Banks	Mizuho Bank, Ltd. (Gotanda Branch); MUFG Bank, Ltd. (Gotanda Branch); The Shoko Chukin Bank, Ltd. (Numazu Branch); The Jonan Shinkin Bank, Ltd. (Head Office)
Affiliated Organizations	Japan Electric Measuring Instruments Manufacturers' Association; Testing Machinery Association of Japan; Tokyo Scientific Instrument Association
Committee Memberships	IEC/ISO Japanese National Committee
Certifications	ISO 9001 Quality Management System, ISO 14001 Environmental Management System
Testing Laboratory Accreditation	ISO/IEC 17025 Testing and Calibration Laboratories

Location

■ **Head Office**	GOTANDA JP BUILDING 6th floor, 8-4-13 Nishi-Gotanda, Shinagawa-ku, Tokyo 141-0031, Japan	TEL. +81-3-3494-1221 FAX. +81-3-3494-1288
■ **Tokyo Office**		
■ **Tokyo Office Saitama Satellite Office**	620-1 Asahigaoka, Hidaka-shi, Saitama 350-1203, Japan	TEL. +81-42-984-4151 FAX. +81-42-985-2411
■ **East Japan Contracted Test Sales Team**		
■ **Nagoya Office**	Tomei Grand Bldg. 6F, 2-30 Issha, Meito-ku, Nagoya-shi, Aichi 465-0093, Japan	TEL. +81-52-753-6308 FAX. +81-52-753-6328
■ **Central Japan Contracted Test Sales Team**		TEL. +81-6-6886-0451 FAX. +81-6-6886-0454
■ **Osaka Office**	Hanahara 5 Bldg. 6F, 7-8-17 Nishinakajima, Yodogawa-ku, Osaka-shi, Osaka 532-001, Japan	TEL. +81-6-6786-8285 FAX. +81-6-6786-8286
■ **West Japan Contracted Test Sales Team**	IENTO HOMMACHI BLDG. 9F, 4-4-10 Hommachi, Chuo-ku, Osaka-shi, Osaka 541-0053, Japan	
■ **Mishima Factory**	11 Heiseidai, Mishima-shi, Shizuoka 411-0042, Japan	TEL. +81-55-988-8411 FAX. +81-55-988-8400
■ **Utsunomiya Test Lab Center**	23-1 Kiyohara Kogyo-danchi, Utsunomiya-shi, Tochigi 321-3231, Japan	TEL. +81-42-986-0861
■ **Saitama Test Lab Center**	622-1 Asahigaoka, Hidaka-shi, Saitama 350-1203, Japan	TEL. +81-42-986-0861 FAX. +81-42-984-4831
■ **Mizunami Test Lab Center**	2020 Yamada-Cho, Mizunami-shi, Gifu 509-6104, Japan	TEL. +81-572-26-9281
■ **Yokkaichi Test Lab Center**	2-1-26 Noda, Yokkaichi-shi, Mie 510-0815, Japan	TEL. +81-59-340-5870
■ **Kobe Test Lab Center**	5-2-13 Mitsugaoka, Nishi-ku, Kobe-shi, Hyogo 651-2228, Japan	TEL. +81-78-915-8588
■ **Hyogo Test Lab Center**	47-13 Niijima, Harima-cho, Kako-gun, Hyogo 675-0155, Japan	TEL. +81-78-915-8588



Head Office



Mishima Factory



Kobe Test Lab Center

Group Company

[China]

■ **EMIC Shanghai Office (DENKEI TRADING (SHANGHAI) CO.,LTD. OFFICE)**	3101, World Trade Building, 500 Guangdong Road, Huangpu District, Shanghai 200001, China	TEL. +86-21-5820-8002

[Thailand]

■ **THAI EMIC CO., LTD.** ■ **Thai Test Lab Center**	15/1 Soi Punnawithi 28, Sukhumvit 101 Road, Bangchak Sub-district, Prakanong District, Bangkok 10260, Thailand	TEL. +66-2331-2746 / +66-2331-2747

Company History

1963 Shin Nippon Sokki was founded. Developed and began sales of multi-purpose vibrometers and electrodynamic vibration test systems.
1971 Shin Nippon Sokki Co., Ltd. established with a capital of 3 million yen.
1976 Opened Osaka Sales Office to strengthen sales and service in western Japan.
1977 Completed a major model update of the "F Series" vibration test systems and control units, which had been under development since 1975.
1982 Increased capital to 20 million yen.
1986 Renamed Shin Nippon Sokki Co., Ltd. to EMIC Corporation.
1989 Doubled capital to 40 million yen.
1991 Opened Nagoya Sales Office. Increased capital to 80 million yen.
Opened Mishima Works and relocated from Yokohama Factory.
1998 Obtained ISO 9001 certification.
2002 Opened the Mishima Contract Testing Center adjacent to the Mishima Works (expanded in 2004).
2006 Obtained ISO 14001 certification (scope: Mishima Works).
Increased capital to 90.8 million yen.
2009 Opened Saitama Contract Testing Center.
2010 Opened Chubu Contract Testing Center.
Relocated Nagoya Sales Office to the same site and renamed it Chubu Sales Office.
2012 Relocated Head Office to 2-27-3 Nishi-Gotanda, Shinagawa-ku, Tokyo.
EMIC Technical Center obtained ISO/IEC 17025 accreditation for testing laboratories.
2013 Established THAI EMIC CO., LTD. in Bangkok, Thailand.
Established a joint-venture Contract Testing Center in Suzhou, China.
2014 Concluded an agency agreement with Dodson Technical Services, Inc. (USA).
2015 Relocated Chubu Sales Office back to Nagoya and renamed it Nagoya Sales Office.
Opened Hikone and Kobe Contract Testing Centers.
2017 Established EMIC (Suzhou) Test Equipment Co., Ltd. in Taicang, Suzhou, China.
Established EMIC North America Corporation in Dublin, Ohio, USA.
2018 Opened Thai EMIC Contract Testing Center in Bangkok, Thailand.
Relocated Kobe Contract Testing Center and renamed it Hyogo Contract Testing Center.
2019 Opened Utsunomiya Contract Testing Center.
Acquired the Contract Testing business and part of the Environmental Test Systems manufacturing and sales operations from Nissoku Engineering Co., Ltd.
Opened Yokkaichi Contract Testing Center and new Kobe Contract Testing Center.
Renamed Chubu Contract Testing Center to Mizunami Contract Testing Center.
2022 Opened Tokyo Office Saitama Satellite Office at the Saitama Site.
2023 Obtained ISO/IEC 17025 accreditation for both testing and calibration.
2024 Relocated Head Office to Gotanda JP Building, Shinagawa-ku, Tokyo.

Sales Network all over the world



Testing Systems

Contributing to the improvement of quality, reliability, durability, and safety of all industrial products.

Environmental Reliability Test System



From essential home appliances and automobiles to computers, aerospace equipment, and even nuclear power generation systems, a wide range of industrial products require high levels of quality, reliability, and durability. For example, if an automobile airbag fails to deploy, or if a launch rocket or nuclear power plant malfunctions, it could lead to catastrophic consequences involving tremendous losses and potential danger to human life.

To prevent such risks, EMIC offers environmental testing systems, services, and solutions for evaluating and verifying industrial products. Through these offerings, we contribute to enhancing the quality, reliability, and durability of products across various industries.

Vibration Testing System

An electrodynamic vibration testing system for evaluating the vibration resistance of industrial products. It supports various test conditions such as sine, random, shock, and real waveform reproduction, simulating the vibration and shock stresses found in real environments. Equipped with the "ECO Vibe advance" system, it significantly reduces power consumption.



Combined Environmental Reliability Test System

A test system that applies vibration, temperature, and humidity simultaneously to evaluate product performance under combined environmental conditions. It is essential for simulating real-world environments—such as extreme cold or intense heat—to ensure that automobiles and other products operate reliably in any condition.



Electrodynamic Shock Test System

A shock test system for evaluating airbag sensors and ECUs. It can reproduce shocks equivalent to automotive collisions and real vehicle impacts, and can also be integrated into production lines for 100% inspection. This system helps ensure the operational quality of airbags and contributes to passenger safety in traffic accidents.



EHVC Series Rapid Chamber
EVTC Series Highly Accelerated Life Test System

A test system that repeatedly applies rapid temperature changes to perform thermal fatigue testing. The high temperature change rate enables accelerated evaluation of product aging. By applying harsher stress conditions than those in actual environments, this system helps identify potential weaknesses during development and reduces failures and recalls in the market.



Special Applications Environmental Testing Room



Inclement weather conditions

Recreates harsh environmental conditions.

EMIC also offers environmental test chambers and rooms designed for special applications.
The Weather Room (artificial climate room) can reproduce various weather conditions such as sunlight using infrared lamps, rainfall, and fluctuations in temperature and humidity.
We also offer large-scale test rooms for evaluating automotive bodies and construction machinery components, as well as specialized rooms for measuring VOCs (volatile organic compounds).
Through these facilities, EMIC offers comprehensive environmental testing solutions to meet a wide range of customer needs.

Large Temperature (Humidity) Test Room

A large walk-in/drive-in temperature and humidity test room for evaluating large components such as automotive bodies and construction machinery parts. It facilitates easy entry and exit for personnel, ensuring operational efficiency, convenience, and safety.



VOC Measurement Chamber / Room

A test chamber and room designed to measure VOC (volatile organic compound) emissions from automotive interior materials and residential environments. Featuring excellent airtightness and precise temperature and humidity control, it contributes to reducing health risks caused by VOC emissions.



Weather Room (Artificial Climate Room)

A test room that reproduces various indoor climate conditions, with programmable control of temperature and humidity. By incorporating infrared lamps to simulate solar radiation and sprinklers to reproduce rainfall, the system can recreate annual weather environments for comprehensive testing.



Carry Pack

A compact temperature test system mainly used for aging tests. It is easy to assemble, move, and operate, with simple control through programmable settings and timers.



Measuring

Accurate measurement is essential for obtaining reliable test results.

Measuring Systems









All testing begins with measurement.
Environmental testing can be considered as a type of simulation test—by measuring, analyzing, and modeling vibration and temperature data from the field, equivalent conditions can be reproduced within the test laboratory.
Measurement technology is also used to observe the response of each part of a product during vibration testing.

Vibration Measurement Sensors

A range of piezoelectric accelerometers designed for vibration measurement. The lineup includes general-purpose models for standard environments, high-temperature types for use under severe conditions, and ultra-sensitive models capable of detecting very low acceleration levels, thereby meeting a wide variety of customer needs.



Vibration Measuring Instrument

A compact, lightweight vibration measuring instrument that connects to piezoelectric or IEPE accelerometers for precise vibration measurement. Equipped with a large LCD panel for excellent visibility and easy operation. The system can be used as a single handheld unit or expanded up to 200 channels for large-scale applications such as vibration measurement of satellites.



Vibration Control System

A multifunctional vibration control system operated through Windows-based software, offering an easy-to-use interface for anyone. Input channels can be assigned not only for control but also for measurement, allowing observation of vibration responses during testing. Test data can be easily converted into CSV files for report creation using software such as Excel.



Contracted Test Services



Large Vibration Test System
(Maximum Excitation Force: 200 kN)

Contracted test services

Outsourcing of Environmental, Quality, and Reliability Testing

EMIC's contracted test services offer comprehensive outsourcing solutions for environmental, quality, and reliability testing.
By bringing your test articles to our facilities, you can conduct various tests such as quality and durability evaluations using our wide range of equipment.
Our extensive testing resources—including large vibration systems and horizontal slip tables—enable flexible support for diverse testing requirements without being limited by equipment specifications or test conditions. In addition to equipment use, EMIC also offers complete environmental testing solutions to meet your specific needs.

Contract Testing Equipment

EMIC offers a wide range of testing equipment, including some of the world's largest vibration test systems (maximum excitation force: 100 kN to 300 kN), as well as horizontal slip tables and various other vibration test systems. We also offer combined environmental test systems that apply vibration together with temperature and humidity stresses, and newly introduced servo-driven tri-axial vibration systems. These facilities enable flexible testing under diverse conditions to meet customer requirements.

Standard and Custom Testing

Our contracted test services cover a wide range of standards, including IEC, ISO, JIS, and MIL specifications. We also offer consultation on the interpretation and application of these standards. In addition, EMIC supports custom and non-standard tests, such as simulated development-stage evaluations and real waveform reproduction tests, helping customers establish their own testing criteria and methodologies.

Environmental Testing Solutions

EMIC offers comprehensive support for environmental testing, including the study of standard and custom test specifications, fixture design, and measurement and analysis of temperature, humidity, and vibration. We also accommodate long-duration and continuous day-and-night testing. From measurement to analysis and evaluation, EMIC offers complete solutions tailored to each customer's testing requirements.

Expert Technical Staff for Environmental Testing

Our testing is supported by expert engineers, including members who have served on ISO/TC108/SC6 (International Organization for Standardization / Technical Committee for Vibration and Shock Generating Systems). With extensive knowledge ranging from fundamental techniques to the latest international standards, our staff ensures reliable support even for technically demanding environmental tests.









Quality durability and safety

We believe our mission is fulfilled when customers are satisfied and continue to use our products.

Quality Assurance and Services

Certified ISO 9001 Quality Management System / Certified ISO 14001 Environmental Management System

In industries such as aerospace, nuclear energy, and railways, where reliability and safety of products, equipment, and facilities are critical, a high level of quality control is required throughout the manufacturing process. As a provider of testing systems and related services that support these industries, EMIC effectively utilizes the PDCA cycle to continually improve both product quality and its quality management system.

We also recognize that enhancing and maintaining environmental performance is an essential corporate responsibility. EMIC applies the PDCA cycle of its ISO 14001 Environmental Management System to promote ongoing environmental improvement activities. In addition, we have developed and offer test systems equipped with the "ECO-Vibe advance" system, which significantly reduces power consumption.

EMIC continues to take on the challenge of reducing CO_2 emissions and contributing to the global effort against climate change.

ISO/IEC 17025 Accredited Testing and Calibration Laboratories

EMIC's Saitama, Yokkaichi, and Kobe Contract Testing Centers are accredited under ISO/IEC 17025, the international standard for the competence of testing and calibration laboratories.

EMIC operates three ISO/IEC 17025 accredited testing centers and one accredited calibration division, enabling us to issue test reports bearing the accreditation mark.

With over 40 years of accumulated expertise as a vibration test system manufacturer and the reliability ensured by ISO/IEC 17025 accreditation, EMIC offers customers with test results they can trust with confidence.

After-sales Service

EMIC offers comprehensive support services for customers who have installed our products, ensuring long-term, worry-free operation even after the manufacturer's warranty period has expired. Our technical service engineers—equipped with specialized knowledge, skills, and extensive experience in environmental testing—deliver prompt and reliable maintenance and support.

Beyond regular after-sales service, we actively incorporate customer feedback to further enhance satisfaction and continuously improve our products and services.

Failure Diagnosis and Repair Services

EMIC offers comprehensive support for failure diagnosis, troubleshooting, and repair of our products. We also offer consultation on product specifications, operation, and relocation. Our goal is to ensure that every EMIC product continues to perform at its best, and we are committed to continually improving our service quality to achieve this.

Calibration Service

Accurate and traceable calibration is essential to ensure the reliability of testing and measurement equipment. EMIC offers calibration services with full traceability to national and international standards for sensors and measuring instruments.

Consulting Service

EMIC offers consulting services for technical inquiries related to environmental testing, including test conditions, standards, fixture design, and operational issues. With our extensive experience and technical expertise accumulated over many years of providing environmental test systems, we deliver solutions that make the most of EMIC's proven knowledge and capabilities.

Inspection Service

EMIC offers regular inspection services, including the replacement of consumable parts, to ensure that our products continue to operate in optimal condition.

Modernization Service

EMIC offers modernization services to refurbish and upgrade obsolete or aging test systems. By replacing key components such as power amplifiers and control systems, existing equipment can be restored to performance levels equivalent to the latest models. These upgrades also contribute to improved environmental performance through reuse and energy-saving measures.

Seminar Service

EMIC regularly holds practical seminars covering a wide range of topics—from general environmental testing techniques to specialized applications. These include equipment operation and training, as well as interpretation of testing standards such as ISO and JIS. Through these seminars, we openly share our experience and technical expertise while taking on the challenge of developing new technologies and addressing emerging issues.









EMIC's environmental test systems are used across a wide range of industries.

EMIC Corporation responds to diverse customer needs through the development, manufacturing, and sales of environmental test systems and measuring instruments based on vibration technology, as well as through contract testing and solution services.
By providing vibration and combined environmental testing that ensure product reliability, EMIC supports the safety and security of everyday life and industry, contributing to the realization of a sustainable society.



Automobile

EMIC's vibration test systems are used to ensure the safety of lithium-ion batteries for electric vehicles, supporting the future of mobility. They are also applied to evaluate cabin buzz, squeak, and rattle (BSR) noises and to assess ride comfort.



Aviation

The reliability of high-thrust aircraft engine turbine blades—operating at temperatures reaching around 1,800°C—and advanced avionics equipment is ensured through vibration testing. EMIC's test systems contribute to maintaining safety and performance in the aerospace field.



Space

Vibration testing is conducted to ensure that spacecraft can withstand the intense vibrations that occur during rocket launches. EMIC's vibration testing systems, designed to meet the varying vibration conditions of rockets and satellites, contribute to reliability in the space industry.



Electrical and Electronic

EMIC's environmental test systems are widely used to evaluate the vibration and shock resistance of electrical and electronic components such as mobile devices and solar panels. These tests help ensure product quality and reliability by preventing damage or malfunction caused by external vibrations.



Railway

Japan's world-renowned Shinkansen and superconducting Maglev trains undergo vibration testing to evaluate fatigue loads caused by vibration acceleration and to ensure rigidity against natural frequencies. EMIC's test systems contribute to the safety and reliability of high-speed railway technology.



Energy

In power plants that supply electricity stably, piping systems are required to undergo vibration testing and various other mandatory evaluations to ensure durability and safety. Vibration testing is a key method for reliability assessment, supporting the foundation of critical energy infrastructure.

EMIC CORPORATION

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