



HIOKI E.E. CORPORATION

**Financial Results Briefing for the Second Quarter
of the Fiscal Year Ending December 31, 2026**

(Securities Code: 6866)

July 2026

AGENDA

The Second Quarter of the Fiscal Year Ending December 2026

1. Company Overview
2. Financial Summary
3. 2026 Financial Forecast
4. Achieving Vision 2030
Medium-term Business Plan
5. References

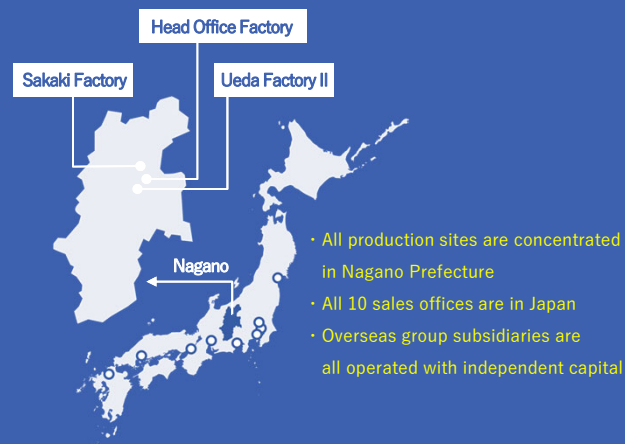


1. Company Overview

HIOKI

HIOKI

Our company is a manufacturer of electrical measuring instruments that consistently handles everything from development, production, to sales and service in-house. Electrical measuring instruments are called the "mother tools of industry" as they form the foundation of all industries, playing an important role in a wide range of fields such as maintenance of essential electrical infrastructure, inspection on production lines, and even research and development of products. Since our founding in 1935, we have pursued unique electrical measurement technologies and contributed to solving social issues through "measuring."



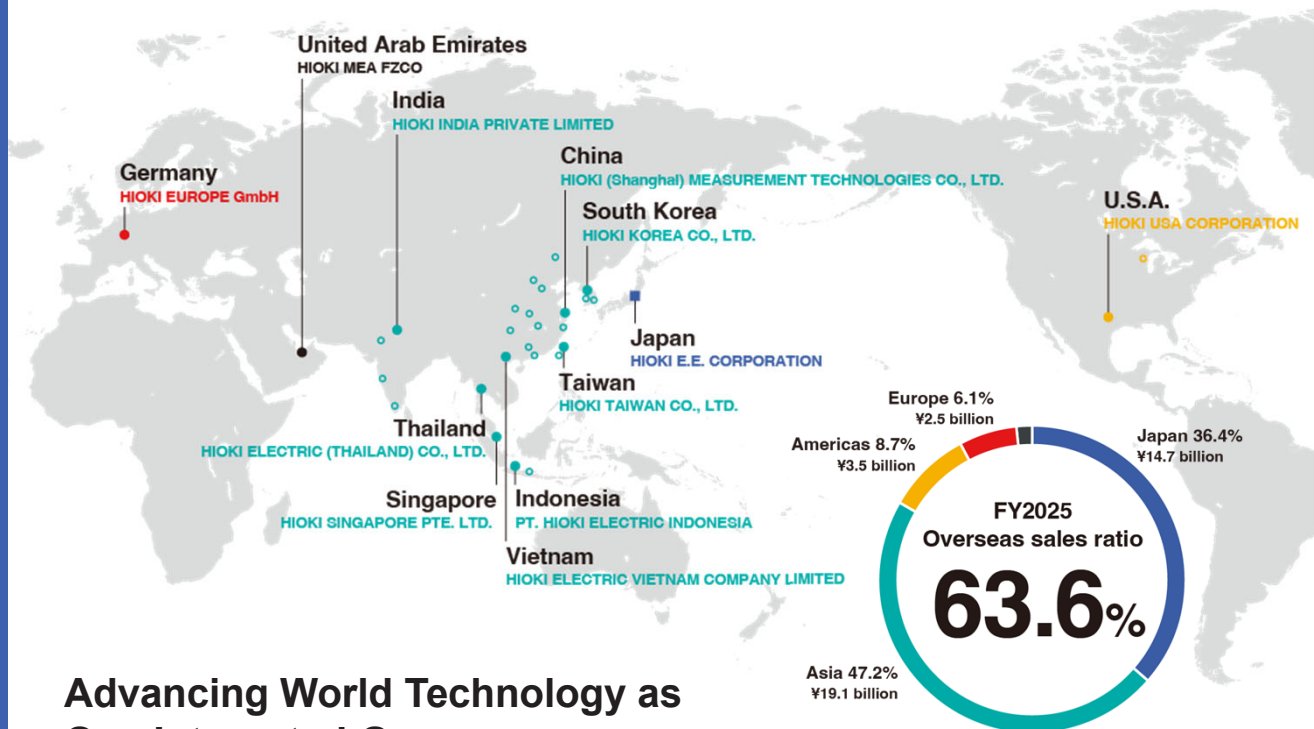
Company Name	HIOKI E.E. CORPORATION
Founded	June 1935
Established	January 1952
Capital	3,299 Million yen
Number of Employees	1,153 employees*
Business Description	Development, production, sales, and service of electrical measuring instruments
Net Sales	40,531.81 million yen*
Operating Profit	6,791.60 million yen (Operating profit margin 16.8%)*
Head Office	81 Koizumi, Ueda-shi, Nagano
Business Locations	Production sites: 3 locations (all in Nagano Prefecture) Sales offices: 10 locations (within Japan) Group companies: 12 companies (Japan, 11 countries overseas)

* As of December 31, 2025, HIOKI Group total

Overseas Business Locations

- Established: 1998
HIOKI USA CORPORATION
- 2007
HIOKI (Shanghai) MEASUREMENT TECHNOLOGIES CO., LTD.
- 2010
HIOKI SINGAPORE PTE. LTD.
- 2012
HIOKI KOREA CO., LTD.
- 2016
HIOKI INDIA PRIVATE LIMITED
- 2017
HIOKI EUROPE GmbH
- 2018
HIOKI TAIWAN CO., LTD.
- 2018
PT. HIOKI ELECTRIC INDONESIA
- 2020
HIOKI (Shanghai) TECHNOLOGY DEVELOPMENT CO., LTD.*
- 2021
HIOKI (Shanghai) MEASURING INSTRUMENTS CO., LTD.*
- 2024
HIOKI ELECTRIC (THAILAND) CO., LTD.
- 2024
HIOKI MEA FZCO
- 2025
HIOKI ELECTRIC VIETNAM COMPANY LIMITED

*In 2026, the company was integrated into HIOKI (Shanghai) MEASUREMENT TECHNOLOGIES CO., LTD.



Advancing World Technology as One Integrated Group

Since establishing its first overseas facility in 1998, Hioki has sought to develop products and build sales networks from a global perspective. We have now expanded our network of sales facilities to include 11 countries and established dealers in over 30 countries. Our current overseas sales ratio exceeds 60% and is continuing to grow. We aim to achieve an overseas sales ratio of 75% by 2030.

- Group company headquarters
- Principal facility operated by a group company

Vision 2030 (Long-term Management Policy)

Mission

How can we
contribute to
society?

Promote safe and effective use of energy for customers, and contribute to social development and stability through electrical measurement.

Vision

Where we want
to be 5 years
from now

Beyond Measure

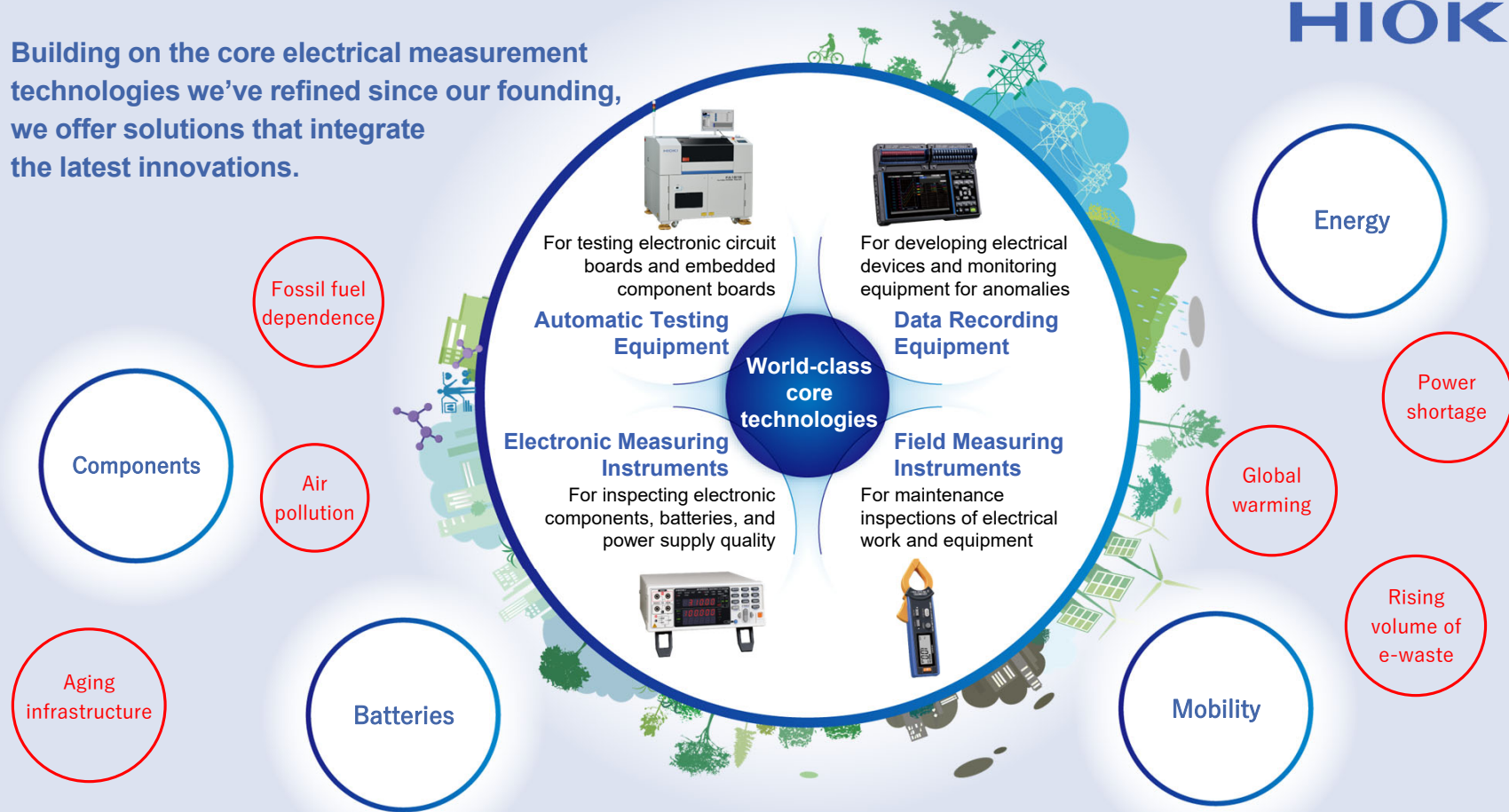
As a business front-runner, HIOKI continues to evolve what it means to “measure” and develops into a solution creator that works with customers around the world to ensure a sustainable society.



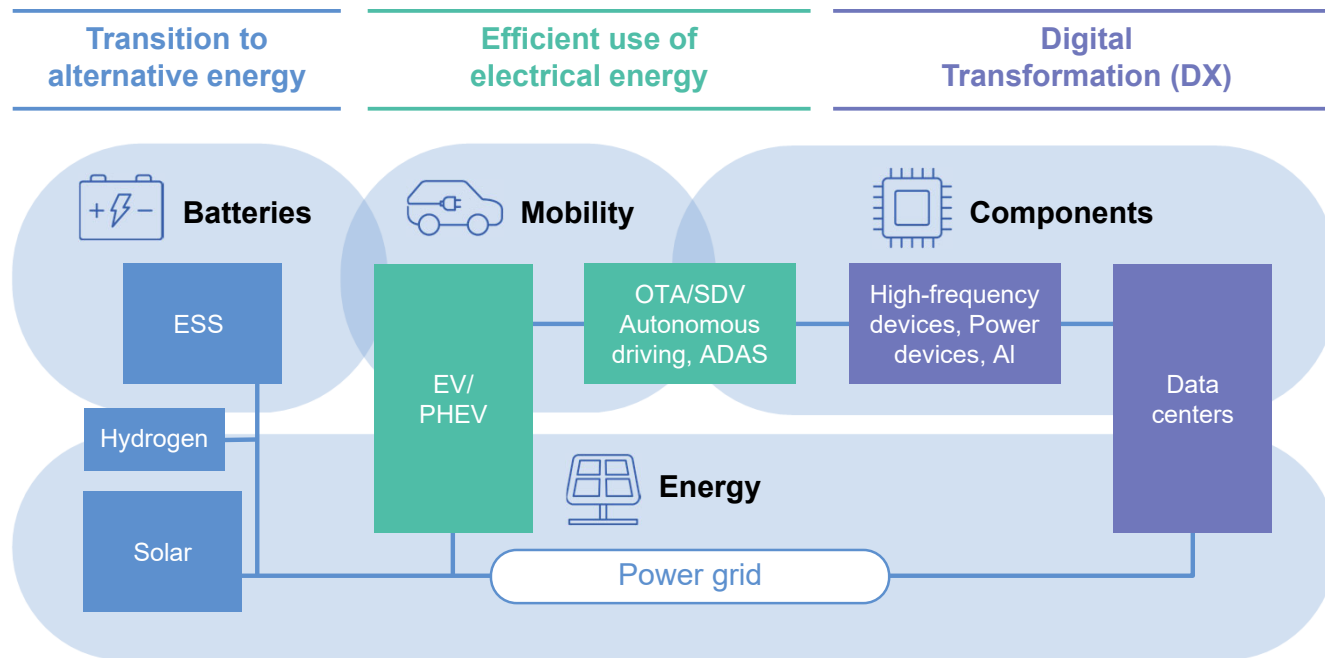
Companywide
course of
action

Provide competitive, high value-added electrical measurement solutions to customers across the globe as a solution creator through continuous company-wide innovation.

Building on the core electrical measurement technologies we've refined since our founding, we offer solutions that integrate the latest innovations.



Key markets that comprise a new social system



Four markets of focus



2. Financial Summary

HIOKI

Overview of First Half Results and Full-Year Outlook

FY26 First Half Results

- First half net sales reached a record high of 24.1 billion yen
- Data center demand spread to component, battery, and energy markets
- Strong domestic component and Chinese battery sales drove growth
- Yen depreciation also contributed to increased sales and profits

Full-Year Outlook

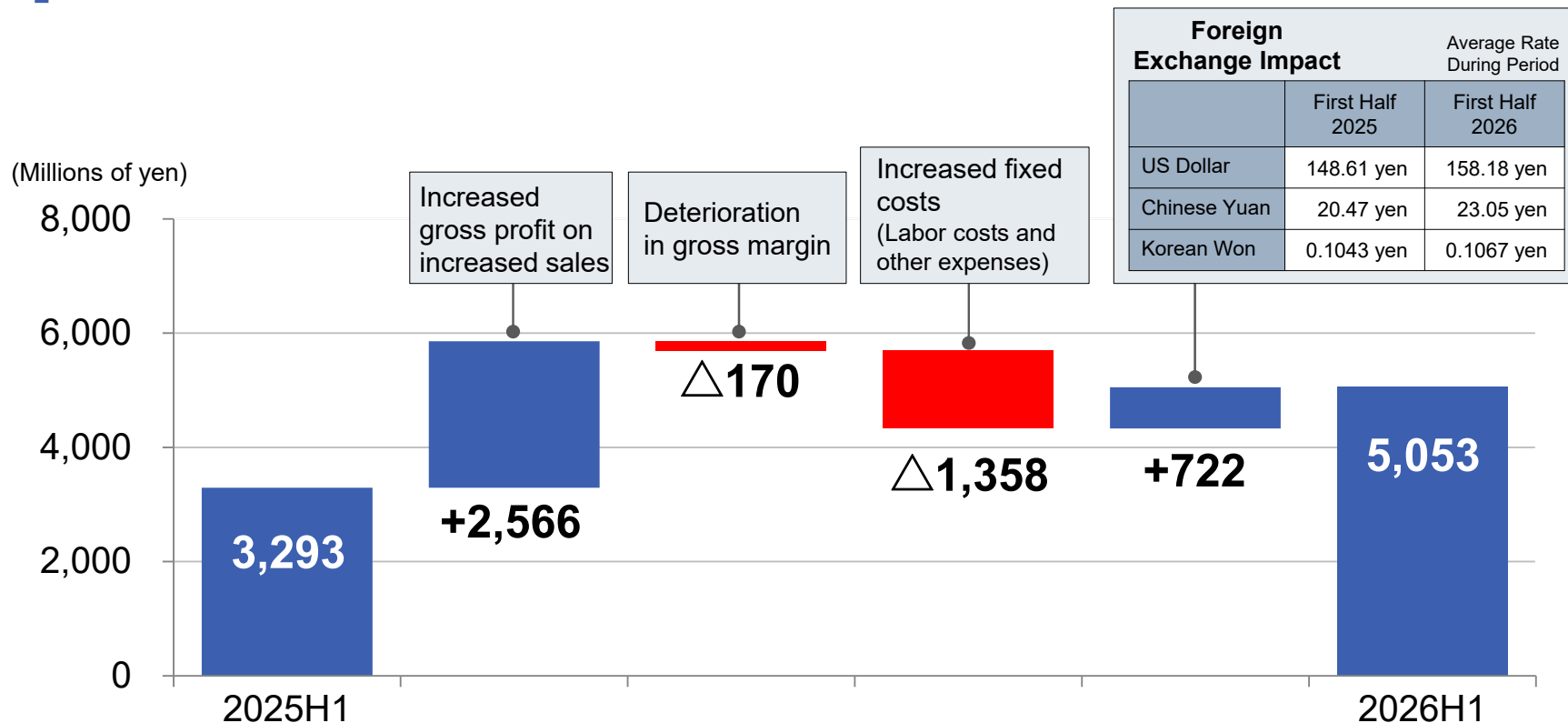
- We expect continued high demand for batteries for data center expansion, EVs, and ESS
- Although there are many automatic test equipment in the order backlog, due to long delivery lead times, the contribution of new orders to second half sales will be limited

FY2026 First Half Results Overview

Achieved record-high half-year net sales
— also benefited from foreign exchange gains due to yen depreciation

	2025H1		2026H1		
	Results (millions of yen)	Percent of sales %	Results (millions of yen)	Percent of sales %	Year-on-year %
Orders Received	19,673	100.7	27,250	112.9	+38.5
Net Sales	19,538		24,129		+23.5
Cost of Sales	9,495	48.6	11,528	47.8	+21.4
Selling, General, and Administrative Expenses	6,750	34.6	7,547	31.3	+11.8
Operating Profit	3,293	16.9	5,053	21.0	+53.5
Recurring Profit	3,273	16.8	5,283	21.9	+61.4
Interim Net Profit	2,297	11.8	3,990	16.5	+73.7
Earnings per Share	169.74 yen		296.82 yen		+74.9

FY2026 First Half Operating Profit Increase Factors



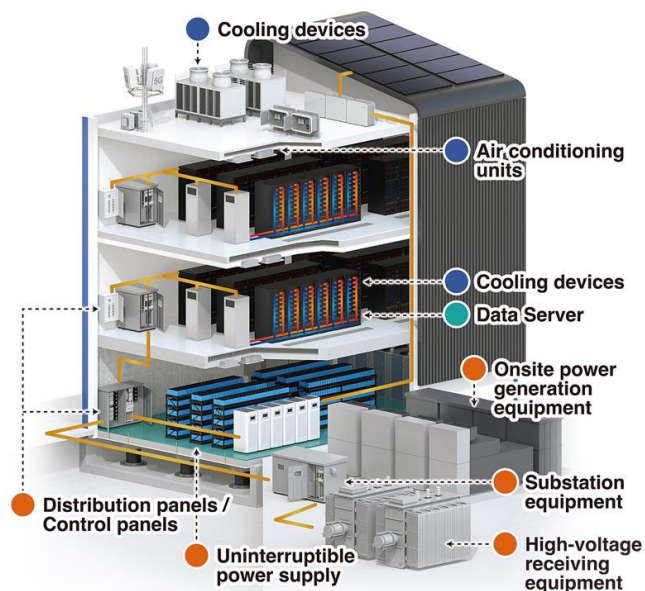
Market-by-market comparison of increases and decreases in top sales regions

— First Half 2025 vs First Half 2026 —

	Energy	Mobility	Components	Batteries
	Renewable energy Water electrolysis system ESS Electrical grid Power conditioners Contributing to decarbonization Energy storage systems (ESS)	Onboard charger Battery Inverter Motor	Data centers Power supply circuits Communication circuits Electronic components Semiconductors Physical AI Smart devices	Manufacturing and assembly Battery lifecycle Operation and use Collection and recycling Materials development
Domestic	7%	9%	108%	12%
China	15%	12%	29%	53%
Korea	63%	13%	71%	26%
America	22%	18%	54%	-14%
Europe	34%	29%	39%	58%
Taiwan	34%	36%	117%	43%
India	45%	46%	57%	58%

(Note 1) Comparison based on yen conversion (Note 2) Excluding repair, calibration, and other costs

Electrical Measurement Solutions for Data Centers



Cooling systems

- Designing and testing advanced cooling systems to dissipate the intense heat produced by high-performance servers
- Pursuing R&D in efficient thermal management, as cooling systems themselves are major power consumers

Server equipment

- Developing cutting-edge power electronics capable of supplying the enormous power demands of GPUs
- Improving the performance of key GPU components—MLCCs, power inductors, and large-capacity capacitors—through development and evaluation, along with rigorous quality inspection for mass production

Power supply systems

- Conducting commissioning tests and maintenance inspections for systems that ensure stable power delivery to server processing and cooling operations
- Verifying the performance of backup power sources uninterruptible power supplies and onsite generators—to prevent downtime and data loss

Data Center Owners

- Monitoring overall power quality and energy consumption across the data center, making informed decisions on facility efficiency improvements and energy-saving investments
- Managing the risk of failures in key infrastructure such as UPS units and power distribution boards, driving stable operations and maximizing asset value

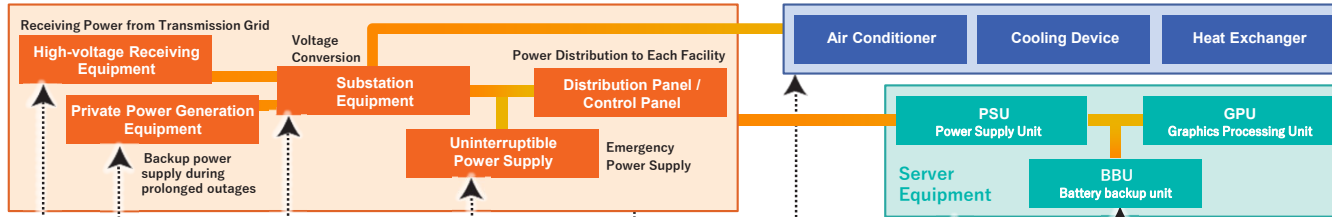
Commissioning Companies

- Conducting comprehensive commissioning tests and performance verification of power and cooling infrastructure during new data center construction or expansion
- Inspecting the safety of wiring and power systems, as well as the operational status of equipment, to ensure that the facility operates in accordance with specifications

Electrical Measurement Applications in Data Centers

Power supply systems Reliable delivery of massive electrical loads

Cooling systems Dissipating heat generated by operating data servers



Energy

Power Quality Analyzers
Ensuring power quality

Resistance Meters
Inspecting connections in receiving equipment (busbars)

AC/DC Clamp Meters
Measuring large AC/DC currents

Voltmeter-equipped Voltage Detectors
Simultaneously detecting miswiring in three-phase power and interphase voltage

Battery

Battery Tester
Battery Condition Monitoring (Maintenance)

Battery Tester
Battery Development Evaluation & Mass Production Inspection

Energy

Memory HiCorders
Monitoring equipment operation

Memory HiLoggers
Data Loggers

Power Analyzers
Long-term recording of temperature and power fluctuations

Power Meters
Recording and analyzing electrical power

AC/DC Current Probes
Recording and analyzing electrical power

Battery

Battery Testers
Battery development evaluation and mass production testing

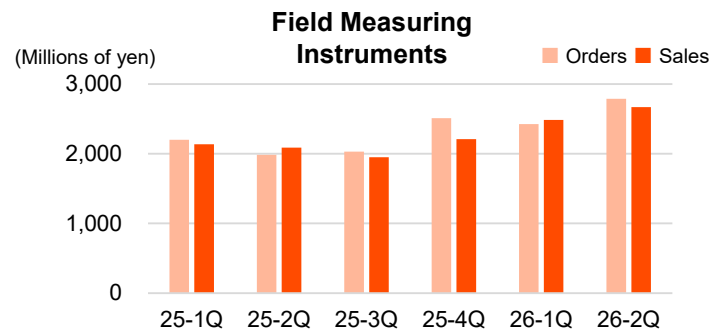
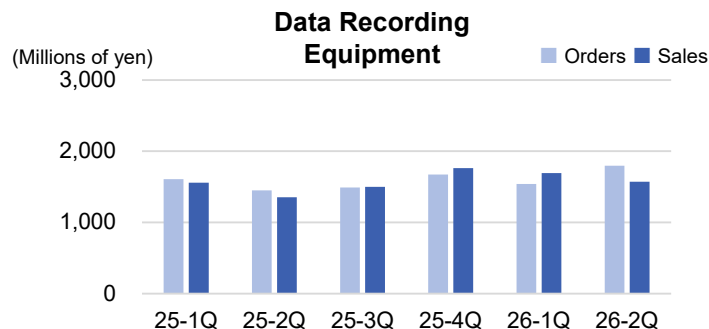
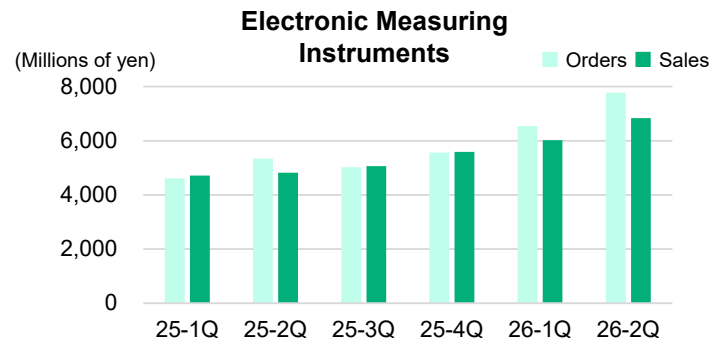
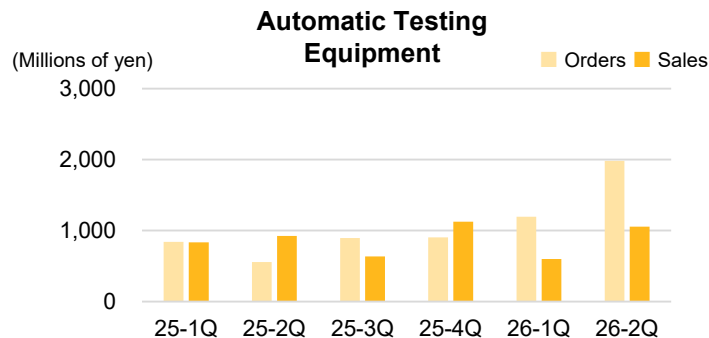
Component

Impedance Analyzer
Development Evaluation of Electronic Components

LCR Meter
Mass Production Inspection of Electronic Components

Flying Probe Tester
Mass Production Inspection of Electronic Components

Trends in Orders and Net Sales by Product Group from 2025 Onward





3. 2026 Financial Forecast

HIOKI

Full-Year Performance Forecast for 2026

- Stable market environment outlook backed by continued demand for data centers and EV/ESS batteries and a high level of order backlog.
- Full-year performance forecast fully incorporates the strong first-half results exceeding initial expectations and the rapid yen depreciation since the beginning of the year.
- Current forecast maintained to carefully assess uncertainties in the second half and the risk of persistently high material prices.

	Results for 2025		Initial Forecast for 2026		Revised Forecast for 2026		
	Cumulative (million yen)	Ratio to Sales (%)	Cumulative (million yen)	Ratio to Sales (%)	Cumulative (million yen)	Ratio to Sales (%)	Year-on-Year (%)
Net Sales	40,531		43,000		47,700		+17.7%
Cost of Sales	20,120	49.6%	21,100	49.1%	23,220	48.7%	+15.4%
Selling, General and Administrative Expenses	13,619	33.6%	14,220	33.1%	14,980	31.4%	+10.0%
Operating Profit	6,791	16.8%	7,680	17.9%	9,500	19.9%	+39.9%
Ordinary Profit	7,106	17.5%	7,800	18.1%	9,840	20.6%	+38.5%
Net Profit Attributable to Owners of Parent	5,457	13.5%	6,000	14.0%	7,540	15.8%	+38.2%
Earnings per Share	403.18 yen		443.25 yen		560.80 yen		+39.1%
Dividend per Share	200 yen		200 yen		240 yen		+20.0%

Impact of rising procurement and material costs is limited

Current status of parts procurement

- Lead times for major components (such as semiconductors) are increasing
- Delays and delivery date change risks for some parts and packaging materials (e.g., naphtha shortage due to Middle East situation)

Response policy

- Continue advance procurement of long-lead-time parts up to 1 to 1.5 years ahead
- Strengthen coordination with suppliers on delivery and inventory status, review safety stock levels

Impact of rising material costs

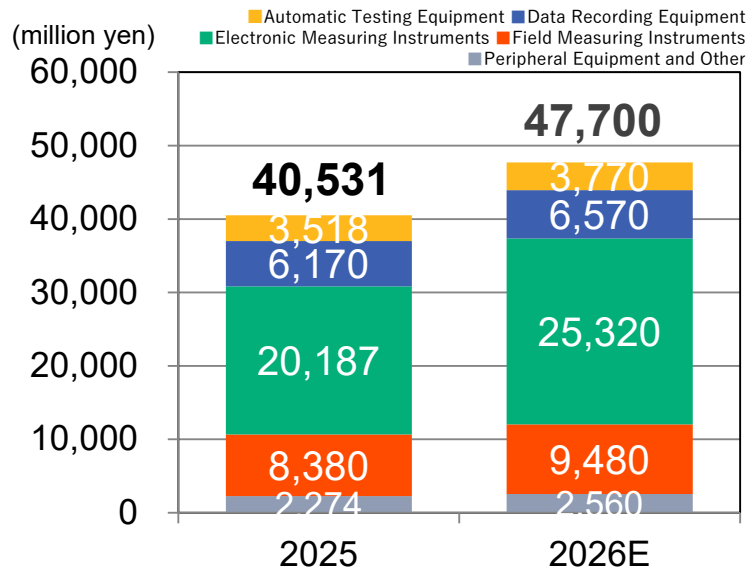
- Price increases across semiconductors, mechanical parts, and auxiliary materials (expected to be about 5 times higher year-on-year, especially notable for memory components)
- Background: rising raw material, labor, and shipping costs

**Maintaining supply responsibility through cooperation with suppliers;
at present, the impact on business performance is limited**

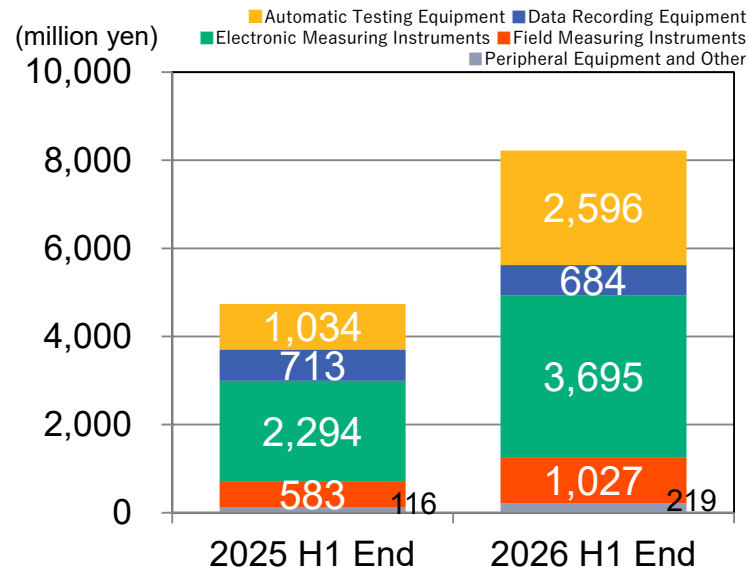
Sales by Product Group (Actual & Full-Year Forecast) and Order Backlog (Year-on-Year Comparison)

For automatic test equipment, due to long delivery lead times, the contribution of new orders to second-half sales is limited

Sales by Product Group



Comparison of Order Backlog at End of First Half



2026 Market Outlook and Growth Strategy

Japan	Expect expanded adoption of AI servers, further densification and higher voltages in server equipment, and continued R&D investment in automotive batteries. Strengthen sales capabilities through key account strategies and advanced sales processes.
China	Growing demand for energy storage systems (ESS) for renewable energy (solar, wind), data centers, and railways. Enhance initiatives in battery fields for the low-altitude economy and robotics, as well as in medical, new energy, and AI sectors where the Chinese government will focus investment over the next five years.
India	Ongoing demand in power, UPS, and energy storage systems driven by the acceleration of the Make in India policy and government-led EV and renewable energy initiatives. Enhance proposals and engagement with local manufacturers.
Taiwan	Sustained demand centered on AI servers, electronic components, and semiconductors. Further strengthen engagement with electronic component manufacturers and AI server-related markets.



Vision 2030 Beyond Measure

Hioki is committed to pushing the boundaries of measurement as an industry front-runner, and to becoming a solution creator that works with customers worldwide to realize a sustainable society.

4. Commitment to Vision 2030

HIOKI

Vision 2030 (Long-term Management Policy)

Mission

How can we
contribute to
society?

Promote safe and effective use of energy for customers, and contribute to social development and stability through electrical measurement.

Vision

Where we want
to be 5 years
from now

Beyond Measure

As a business front-runner, HIOKI continues to evolve what it means to “measure” and develops into a solution creator that works with customers around the world to ensure a sustainable society.



Companywide
course of
action

Provide competitive, high value-added electrical measurement solutions to customers across the globe as a solution creator through continuous company-wide innovation.

Key Steps towards 2030

Three Growth Strategies

1. Product development that adds to Hioki's essentiality
2. Market-oriented business development
3. Achievement of carbon neutrality under the Greenhouse Gas

2030 management indicators

● Operating profit rate: **25%**

● Domestic/international

sales ratio: **25%/75%**

● ROE: **15%** or greater

Operating
profit rate
25.0%

2030

Higher motivation & greater skill

Higher productivity

Higher per-capita sales

Sales
¥**47.7** billion
OPR
19.9%

2026 (E)

(Rev. Up, Jun 2026)

Sales Target
¥**51.2** billion
OPR
22.5%

2027

(as set in the 2025 Mid-term
Management Plan)

Sales OPR
¥**40.5** billion **16.8%**

2025

**Innovative
new
products**

Market competitiveness

Elemental technologies

New products

New fields

**Highlighting
existing
products**

Global After-Sales Service

Initiatives for Carbon Neutrality & Circular Economy

**Foundation
building**

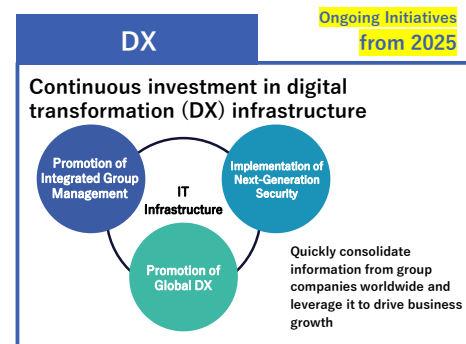
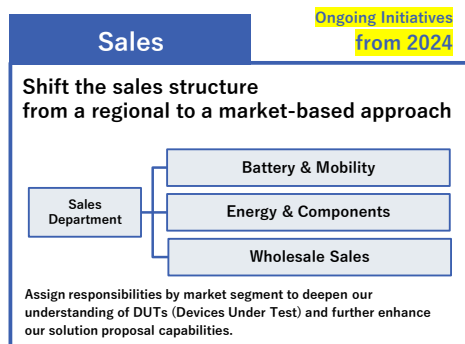
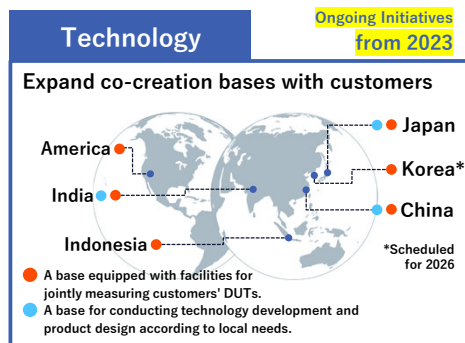
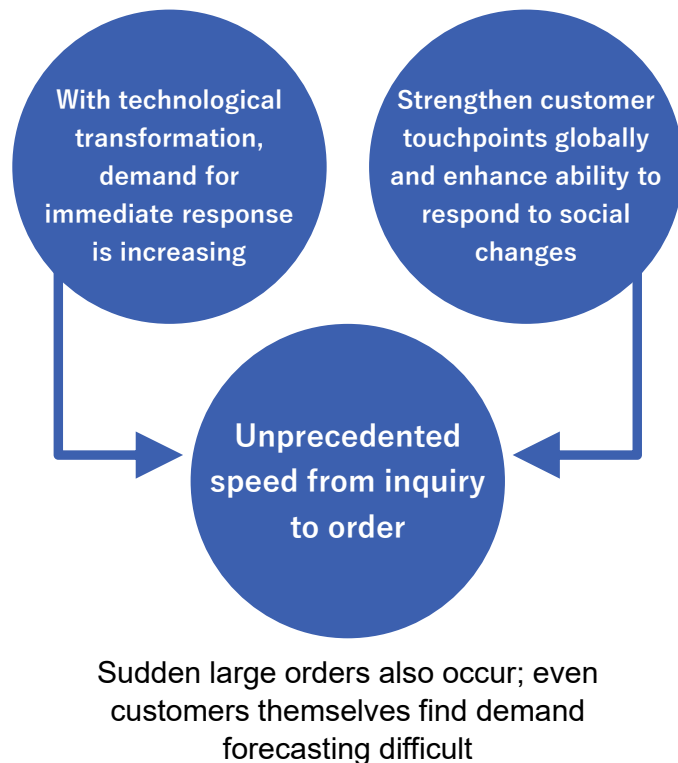
Sales and production processes

Global HR System

IT platforms

Establishment of global systems

Quickly collect and respond to customer needs worldwide



Preliminary Analysis of Sales Growth Factors and Future Directions





Key markets that comprise a new social system

Transition to alternative energy

Efficient use of electrical energy

Digital Transformation (DX)



Batteries



Mobility



Components

ESS

Hydrogen

Solar

EV/
PHEV

Energy

Power grid

OTA/SDV
Autonomous driving, ADAS

High-frequency devices, Power devices, AI

Data centers

FLYING PROBE TESTER
FA1823

RESISTANCE METER
RM3542C

Four markets of focus

DC HIGH VOLTAGE PROBE
P2010



AC/DC CURRENT PROBE
CT6847A



PARTIAL DISCHARGE
DETECTOR ST4200-50



INSULATION TESTER
IR4052-52



RESISTANCE METER
RM3548-50



SLURRY ANALYTICAL
SYSTEM SA2634



RESISTANCE METER RM3546



BATTERY IMPEDANCE
METER BT4560-60



DC HIPOT TESTER ST5680A



ALDAS-E



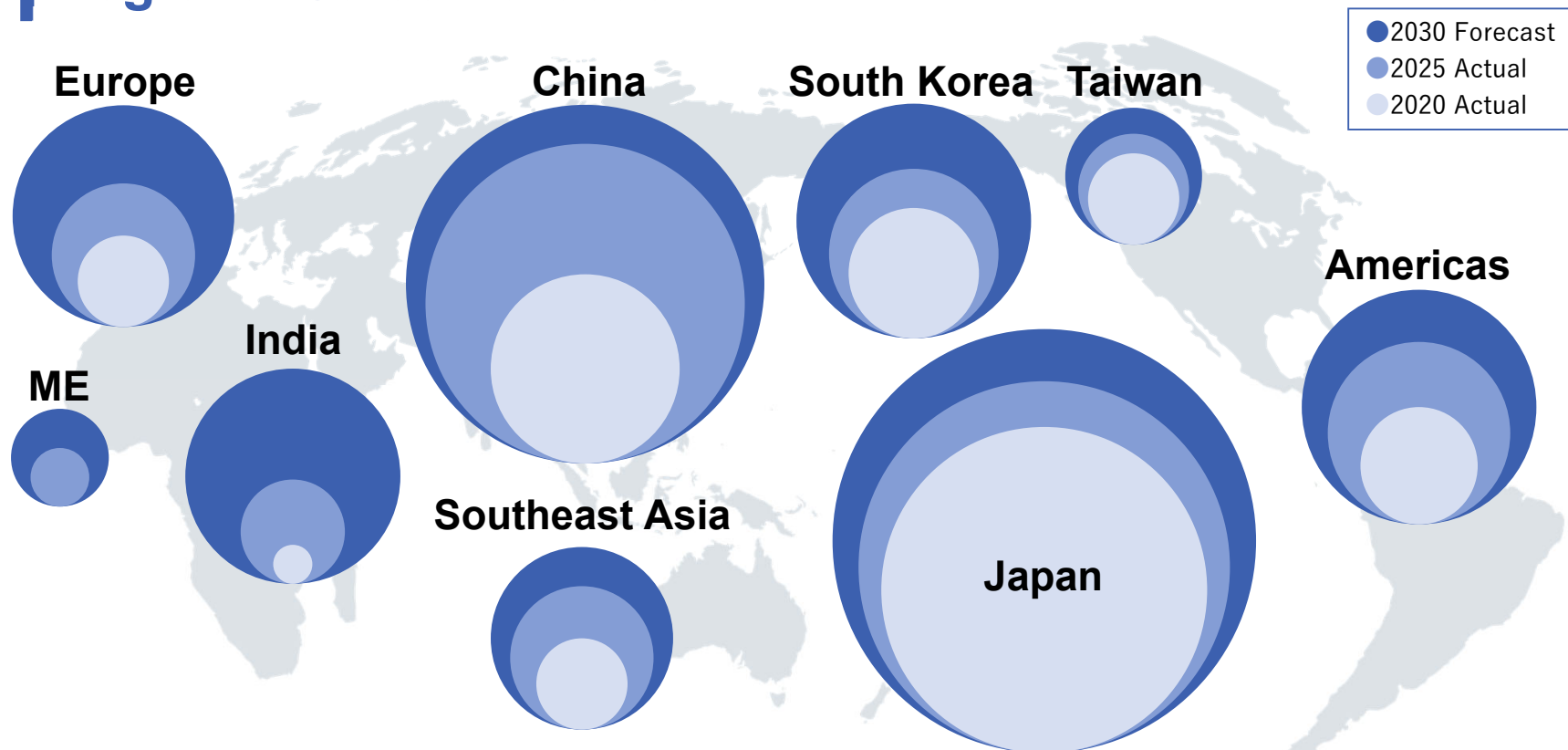
ALDAS-Mini



ALDAS-α

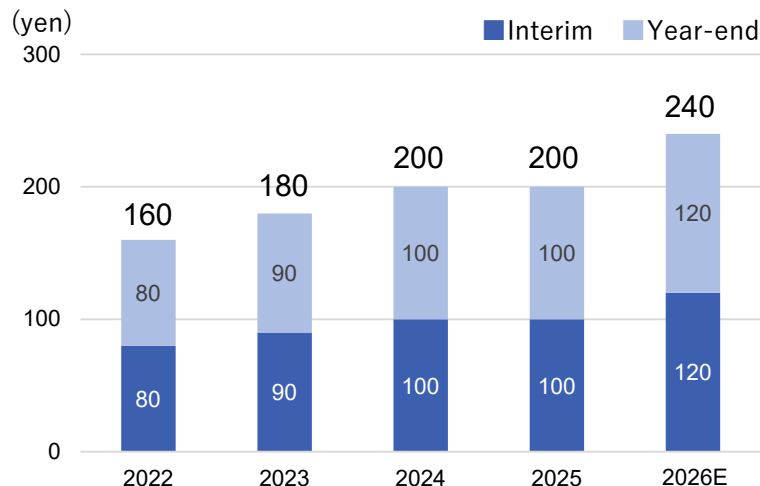


Regional Sales Forecast



Shareholder Return: 40 yen Dividend Increase, Approx. 1.07 Billion Yen in share repurchases

Transition of Dividend per Share (2022–2026)



Share Repurchase Activities (Feb-Jul 2026)

	Resolution in February 2026	Resolution in June 2026
Maximum Shares Authorized	300,000 shares	400,000 shares
Maximum Repurchase Amount	1.5 billion yen	3.0 billion yen
Repurchase Results	144,500 shares Approx. 1.07 billion yen	0 shares 0 yen
Current Status	Completed	In Progress

Summary

- In the first half of 2026, both sales and profits exceeded the revised forecast. Demand for domestic components and Chinese batteries expanded, and favorable exchange rates also contributed.
- The full-year forecast remains unchanged. This reflects a stable market environment supported by ongoing demand for data center and EV/ESS batteries, strong first-half results, and the impact of yen depreciation. Risks for the second half will continue to be carefully monitored.
- Growth was mainly driven by domestic and Chinese markets, with expectations for further growth in Taiwan and India.
- Changes in raw material prices, logistics, and procurement trends—driven by exchange rates and the situation in the Middle East—are impacting the business environment. We will continue to carefully monitor and respond to these developments.
- Lead times from project initiation to order receipt have shortened, and order volumes are experiencing greater volatility. We will continue to rapidly collect primary customer information in this unpredictable environment.

Going forward, we will contribute to the realization of a sustainable society by providing high-quality products and services for use in customers' decarbonization initiatives as we strive to realize Vision 2030.



5. Reference Materials

HIOKI

Uses of Electrical Measuring Instruments

Electrical measuring instruments are the "measuring stick" for electricity, making invisible electrical phenomena visible.

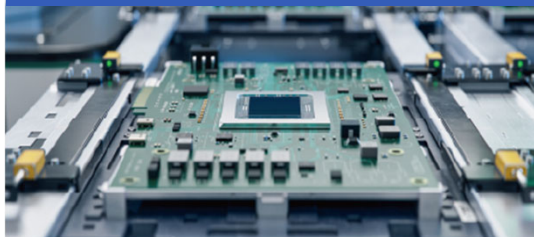
Development Evaluation Reduction of Energy Loss



Evaluation of next-generation technologies such as e-Axle and all-solid-state batteries

Technological innovation supporting the electrification of society, such as electric vehicles (EVs) and next-generation batteries, is indispensable. To create more efficient and environmentally friendly products, we precisely measure and evaluate the state of electricity, becoming the "eyes" of engineers and accelerating the speed of research and development.

Mass Production Inspection Safe Manufacturing



Quality inspection during mass production of electronic circuit boards and batteries

In the manufacturing process, we ensure that products such as electronic circuit boards and batteries operate safely and accurately. By quantifying and inspecting even the slightest defects, we prevent product accidents and support trust in quality in manufacturing worldwide.

Safety Inspection Stable Power Supply



Inspection of power supply equipment such as renewable energy (solar power) and energy storage (ESS)

Electrical measuring instruments are essential for maintaining safety in power facilities—from power plants to homes—as well as in distribution systems in factories and buildings. By detecting invisible electrical anomalies, they help prevent power outages and fire accidents. With the growing adoption of renewable energy and energy storage systems, these instruments also play a vital role in ensuring the stable operation of new power networks.

▶ As demand for electrical energy increases, demand for electrical measurement also expands

History

- 1935 ----- Mizo Hioki begins manufacturing electrical indicating meters in Minato Ward, Tokyo.
- 1945 ----- Factory relocates to the town of Sakaki in Nagano Prefecture after World War II.
- 1946 ----- Launched the first tester
- 1952 ----- HIOKI E.E. CORPORATION is incorporated
- 1978 ----- Launched Japan's first clamp-on power meter.
- 1983 ----- Launched Japan's first waveform recorder.
- 1986 ----- Launched a board inspection system.
- 1990 ----- HIOKI Forest Hills completed in Ueda, Nagano Prefecture.
- 1991 ----- Hioki stock is listed on Japan's over-the-counter market.
- 1996 ----- Launched a battery tester for UPS maintenance.
- 1998 ----- HIOKI USA CORPORATION is founded as a subsidiary in the United States.
- 2003 ----- Hioki is listed with "1st Section" of the Tokyo Stock Exchange.
- 2014 ----- Launched the world's first non-contact metallic power measuring instrument.
- 2015 ----- Construction of the Hioki Innovation Center, the company's new R&D facility, is completed.
- 2019 ----- Launched an electrode sheet evaluation system.
- 2021 ----- The Sakaki Factory is established.
- 2022 ----- Transitions to the "Prime Market" of the Tokyo Stock Exchange.
- 2024 ----- Ueda Factory II is established.
- 2025 ----- Launched a water electrolyzer evaluation system.



Electrical Indicating Meters



First Tester



Clamp-on Power Meter



Waveform Recorder



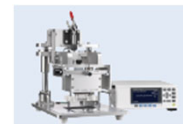
Board Inspection System



Battery Tester



Non-Contact Metallic Power Measuring Instrument



Electrode Sheet Evaluation System



Water Electrolyzer Evaluation System

Four Focus Markets



Components

Achieving high-speed production through precision measurement

Hioki's renowned precision measurement technology contributes to the high-speed production of electronic components such as resistors and capacitors, as well as components used in electric vehicles and office equipment.



Batteries

Pursuing sustainability

Contributing to the realization of a decarbonized society, CO₂ emission reductions, high-quality battery development and production, and life cycle assessment through electrical measurement

Energy

Embracing the challenges of environmental change

Contributing through electrical measurement to the stable, efficient, and highly reliable supply of energy amid a period of significant transformation in the energy landscape



Mobility

Resolving electrification issues

Contributing to the development challenges of accelerating mobility electrification for carbon neutrality with innovative solutions

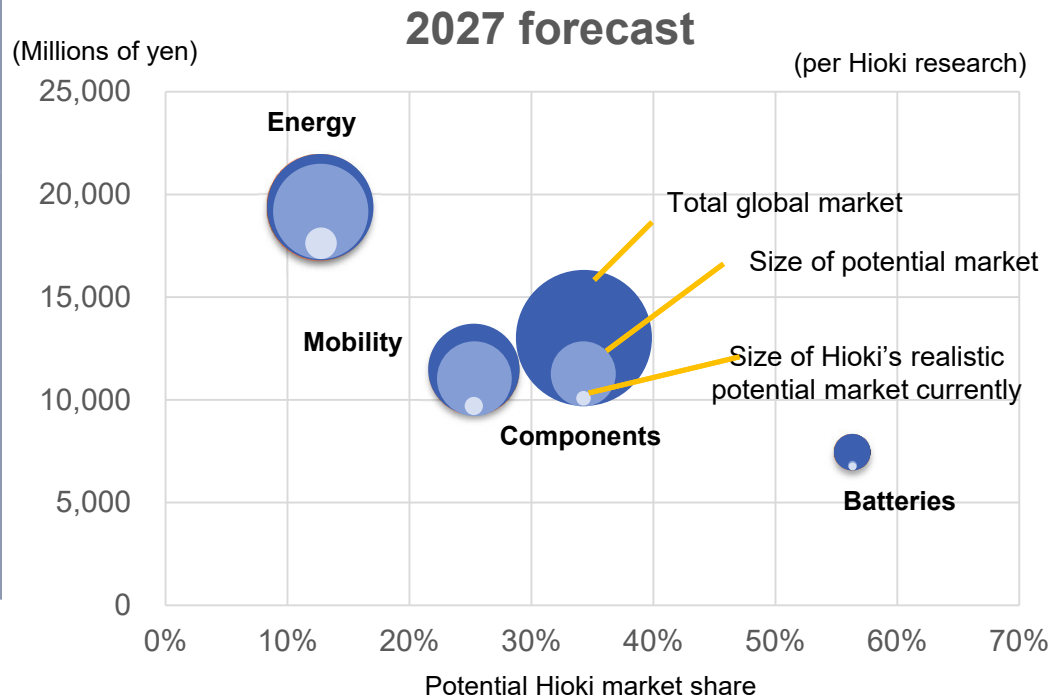


Four Focus Markets

	Market growth rate (Pre-revision)	Target sales growth rate for Hioki products (Pre-revision)
Components	10.4%	14.0%
Batteries	7.3%	6.2%
Energy	4.4%	10.2%
Mobility	3.9%	7.1%

Striving to realize product sales that exceed the market's own growth

Note: The market growth rates are our own estimates.



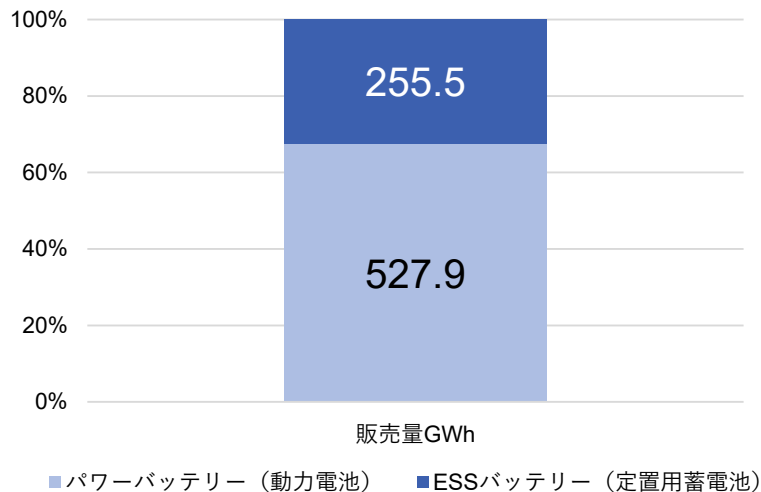
Outlook for the Four Markets from the Second Half of 2026 Onward

	Components	Batteries	Energy	Mobility
Main Customer Attributes	- Electronic component manufacturers (MLCC, coils, etc.), - electronic component inspection equipment, electronic component distribution companies, - board inspection equipment, motors, materials	- Battery material research institutions - Cell, pack, module manufacturers - System Integrators (Slers) specializing in manufacturing line construction	- Solar-related (maintenance, inverter manufacturing) - Hydrogen research institutions - Electrical equipment-related (power companies, safety management associations, building maintenance, energy-saving measures) - Data center-related (owners, power supply, servers, commissioning companies)	- Automotive OEMs (Tier 1–4) - Evaluation test equipment - xEV maintenance - Railways - Aviation - Aerospace - Humanoid robot manufacturers - Unmanned vehicle manufacturers
Overview and Outlook	- AI server investment → Increased demand for MLCC, inductors, and power components - Strong orders for MLCC inspection equipment - Increased demand for impedance analysis equipment (for power supply use)	- Expansion of investment in quality control and next-generation battery development - Strengthening of inspection infrastructure - Introduction of new evaluation methods (powder impedance, slurry analysis, self-discharge) - Expansion of research into sodium-ion batteries, EDLC (electric double-layer capacitors), etc.	- Growth in data centers and renewable energy - Standardization of power quality verification solutions - Investment in solar, ESS, and power grids → Increased demand for power analyzers	- Expansion of electrification across sectors beyond automobiles—including aerospace, robotics, defense, and industrial equipment. - Broader use of high-precision inverter and motor evaluation equipment. - Emerging demand for EV maintenance and aftermarket services.

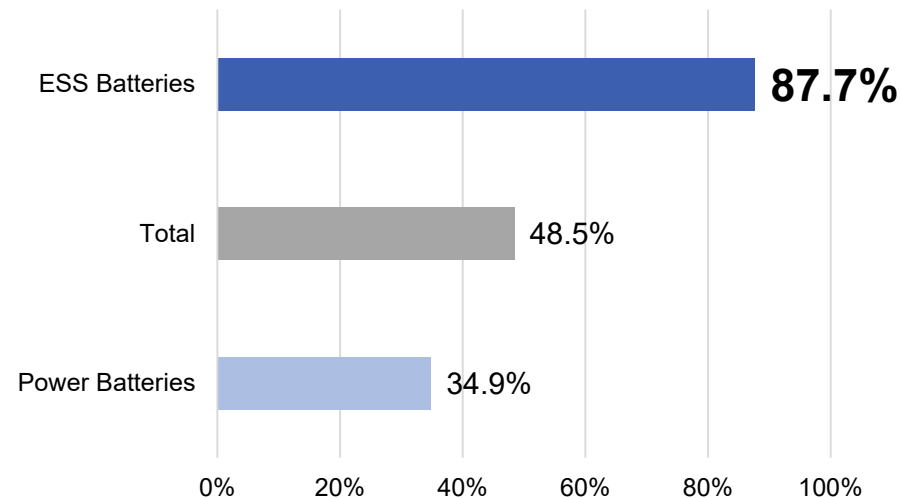
Growth driver of the Chinese battery market is shifting to ESS

Expectations for Increased Demand for Our ESS Product Lineup

Cumulative Battery Sales in China (Jan–May 2026)



Sales growth rate comparison (year-on-year)



Source: China Automotive Battery Innovation Alliance (CABIA), Monthly Statistics

Four Product Groups

One of our company's outstanding features is our extensive lineup of electrical measuring instruments. The uses of electrical measuring instruments are diverse, including evaluation of advanced technologies, quality inspection of mass-produced products, and maintenance inspections of existing equipment. Generally, manufacturers differ by application or elemental technology. Our company offers a lineup that spans a wide range of fields, providing optimal equipment tailored to customers' purposes and needs. Currently, **our product groups are broadly classified into the following four categories.**

8.7%

Automatic Testing Equipment

These instruments inspect the quality of electronic boards incorporated into smartphones, battery electric vehicles (BEVs), hybrid electric vehicles (HEVs), AI servers, and other products, and are primarily used for quality inspection during mass production. As boards become increasingly miniaturized and multilayered, inspection processes become more challenging. These processes are automated through high-speed, high-precision probe (needle) control technology. This helps prevent defective products from slipping through inspection and contributes to improved yields at manufacturing sites.

Inspection Solutions Supporting the Quality and Productivity of Electronic Circuit Boards



Quality inspection of
printed circuit boards
FLYING PROBE TESTER
FA1816

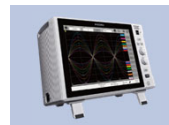


Quality inspection of
mounted circuit boards
FLYING PROBE TESTER
FA1240

Sales Ratio by Four
Product Groups
FY2025 Net sales
405.3
billion yen

A Measurement Platform That Visualizes Physical Phenomena

15.2%



Recording sudden,
instantaneous changes
MEMORY HiCORDER
MR6000



Recording long-term
fluctuations
MEMORY HILOGGER
LR8450

Data Recording Equipment

These instruments simultaneously record and visualize electrical and physical changes such as voltage, current, temperature, and strain. In design verification and fault analysis applications, they accurately visualize signal changes that are otherwise invisible to the naked eye. By recording everything from instantaneous anomalous events to long-term fluctuations, they enable analysis based on objective evidence.

49.8%

Electronic Measuring Instruments

These are high-precision instruments for evaluating the performance of devices that are key to electrification, including lithium-ion batteries, motors, and inverters. In the development of electrification technologies for the realization of carbon neutrality, they provide highly accurate measurement data to support customers in improving product performance and enhancing development efficiency.

High-Precision Measurement Supporting the Advancement of a Decarbonized Society



Performance
evaluation of motors
and inverters
POWER ANALYZER
PW8001



Performance
evaluation of
batteries
PRECISION BATTERY
TESTER BT6075



Performance
evaluation of water
electrolysis systems
IMPEDANCE ANALYZER
IM758xA

Supporting the Safety and Stable Operation of Electrical Infrastructure

20.7%



Connection
inspection of
electrical wiring
DIGITAL PHASE
DETECTOR PD3259-50



Completion inspections
and periodic maintenance
of electrical infrastructure
AC/DC CLAMP
METER CM4375-50

Field Measuring Instruments

These tools are used for on-site measurement and diagnosis of voltage, current, insulation condition, and other parameters in the maintenance and management of factories, buildings, power generation facilities, and similar infrastructure. Proprietary technologies, including non-contact metal measurement technology, support reliable inspections while reducing the risk of electric shock and short circuits. They contribute to the stable operation of equipment in response to the growing adoption of renewable energy facilities and efforts to address aging infrastructure.

Application Areas of HIOKI Products

HIOKI meets customer needs ranging from advanced R&D to production lines and on-site electrical work in every industry with about 300 products.

Overall organization	R&D	Production lines	Field maintenance
Automatic Test Equipment	Mass Production Inspection 	Package boards, printed circuit boards, mounted boards (boards with electronic components mounted)	
Data Recording Equipment	Development Evaluation 	Mass Production Inspection Power supply equipment (including solar power generation equipment and ESS), production equipment (including robots), transportation equipment (including xEV)	Maintenance Inspection 
Electronic Measuring Instruments	Development Evaluation 	Mass Production Inspection Passive components, batteries, inverters, motors	Maintenance Inspection Power Supply Equipment 
Field measuring instrument	Development Evaluation Electronic Devices 	Maintenance Inspection Power supply equipment (including solar power generation equipment and ESS), production equipment (including robots), transportation equipment (including xEV)	
Peripheral Equipment, Others	Accessories related to the above products		

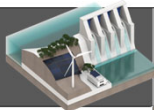
*Width represents the scale of net sales.

Overview of Net Sales by Product Group for the First Half of 2026

Product Group	Main Product Category	Overview
Automatic Testing Equipment	In-circuit Board Tester	● Supports mass production inspection of electronic boards for smartphones, EVs, and AI servers, offering automated inspection technology suitable for fine-pitch and multilayer boards. ● Orders for board testers for the semiconductor industry and electronic component manufacturing have grown significantly due to increased demand for high-performance servers and network equipment driven by the spread of data centers.
Recording Equipment	Recorder / Logger	● Simultaneously records voltage, current, temperature, strain, etc. with high precision, utilized for design verification and failure analysis. ● Stable demand in fields such as electrical equipment, batteries, automobiles, renewable energy, and EV evaluation. ● The expansion of data centers has increased the importance of facility maintenance, evaluation, and inspection, contributing to sales growth.
Electronic Measuring Instruments	LCR Meter, Battery Tester, Resistance Meter, Power Meter for Equipment, Power Meter for Power Systems	● Performs high-precision evaluation of lithium-ion batteries, motors, inverters, etc., and is used in the development of electrification technologies. ● Sales of various measuring instruments remain strong, backed by increased production of electronic components related to xEVs and data centers, expansion of ESS investment, and rising safety requirements for batteries. ● Adoption is also progressing in power companies and renewable energy power plants for monitoring and analysis of power systems.
Field Measuring Instruments (Maintenance)	Clamp Meter, Insulation Resistance Tester, Earth Resistance Tester	● Quickly measures and diagnoses voltage, current, and insulation status at sites such as factories, buildings, and power generation facilities. ● Adoption is progressing in the maintenance and inspection of the power and energy sectors, data centers, and infrastructure/public works, resulting in strong sales of clamp meters and insulation/earth resistance testers.

Contributing to Solving Social Issues for the Realization of a Decarbonized Society

Main Measurement Applications in Key Markets

	Energy 	Battery 	Mobility (Electrification) 	Component (Semiconductor Electronic Components) 	Data Center DX Infrastructure 
Automatic Testing Equipment		Module Welding Inspection	ECU Board Inspection	Package Board Inspection Interposer Inspection	
Data Recording Equipment	Distribution System Maintenance Temperature Recording Management	Charge/Discharge Measurement Temperature Management	Thermal Management Model-based Development	Temperature Characteristic Test Predictive Maintenance in Factories	Predictive Maintenance Cooling System
Electronic Measuring Instruments (Battery)	ESS Development Maintenance	Battery Material Development Cell Mass Production Inspection Module Inspection	Battery Degradation Diagnosis		UPS Maintenance
Electronic Measuring Instruments (Device)	Solar Panel Insulation	Connection Quality Inspection	Motor Insulation Inspection Path Resistance Inspection	MLCC Large-capacity Capacitor Mass Production Inspection	Hybrid Capacitor High-frequency Inductor
Electronic Measuring Instruments (Energy)	Power Quality Management Efficiency Performance Improvement	Electrolytic Cell Research Fuel Cell Development	Motor/Inverter Performance Energy Management	Material Performance Evaluation	Power Grasping, CO2 Reduction In-house Power Generation Equipment
Field measuring instrument	Distribution System Maintenance		EV Maintenance		Construction Inspection Maintenance Inspection

Medium- to Long-Term Business Growth Through New Product Launches

Using energy efficiently

- Thanks to progress in power semiconductors, high-voltage, high-current, high-frequency switching technologies are advancing.
- Hioki provides advanced measurement technologies in the form of products like current sensors.

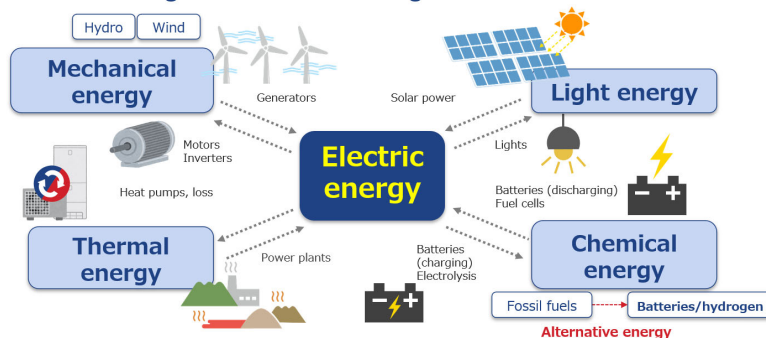


Expanding volume production applications for solar power

- Manufacturers are working to engineer higher-voltage designs while boosting power conversion efficiency to ensure limited energy resources can be used effectively.
- Hioki provides high-performance power measurement technologies.



Resolving Societal Issues through Electrical Measurement



Thermal management: An increasingly important priority

- Thanks to progress in power semiconductors, high-voltage, high-current, high-frequency switching technologies are advancing.
- Hioki provides advanced measurement technologies in the form of products like current sensors.



Ensuring a stable supply of renewable energy

- Improving battery performance, converting energy to hydrogen for storage and transport... R&D will continue in the future.
- Hioki provides measurement technologies that accommodate new technologies.

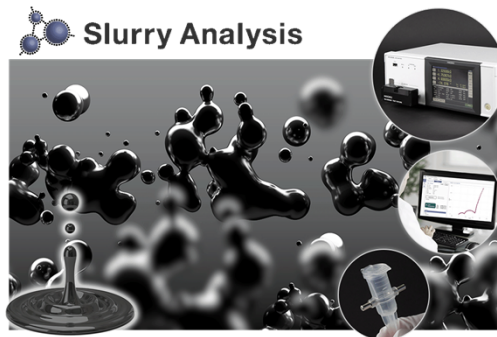


Contributing to Advanced Technology Development with Highly Indispensable Measurement Solutions



ALDAS Series

Evaluates the performance of **water electrolysis equipment and fuel cells**, supporting the development of new energy technologies for a decarbonized society.



Slurry Analysis System

Provides rapid, quantitative evaluation of the electronic conductivity (ease of electron movement) in slurry, the material used for **lithium-ion battery (LIB)** electrodes.



Powder Impedance Measurement System

An all-in-one solution for evaluating powder materials and dry processes for **all-solid-state batteries** within a glove box environment.

Leading Innovation Through Transitions in Key Power Electronics Markets

1. 1990s

The adoption of inverters in Japanese air conditioners and refrigerators progressed, and mass production of IGBTs expanded, driven by energy-saving demand.



2. 2000

As HEVs gained widespread adoption demand grew for higher performance and reliability. Advanced motor control technologies significantly improved system performance.



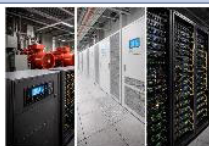
3. 2010

As solar and wind power deployment expanded, grid interconnection technologies advanced. High-efficiency power conditioners and power quality solutions became increasingly important.



4. 2020

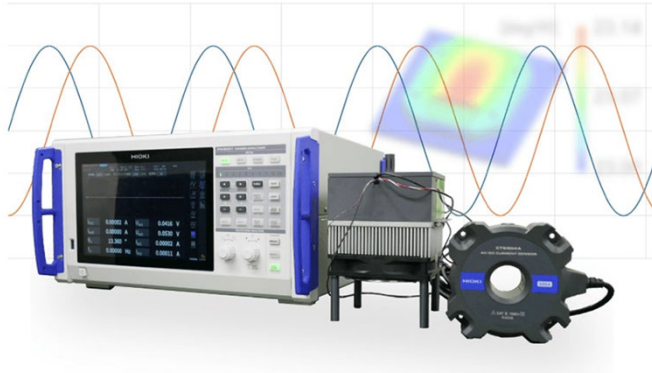
The acceleration of EV adoption in Europe and China drove rapid market growth, accelerating the commercialization of SiC devices and the transition to higher-voltage systems.



5. 2025

The widespread adoption of SiC and GaN technologies is expected, while the growing power demands of AI data centers are driving innovation in power conversion technologies and devices.

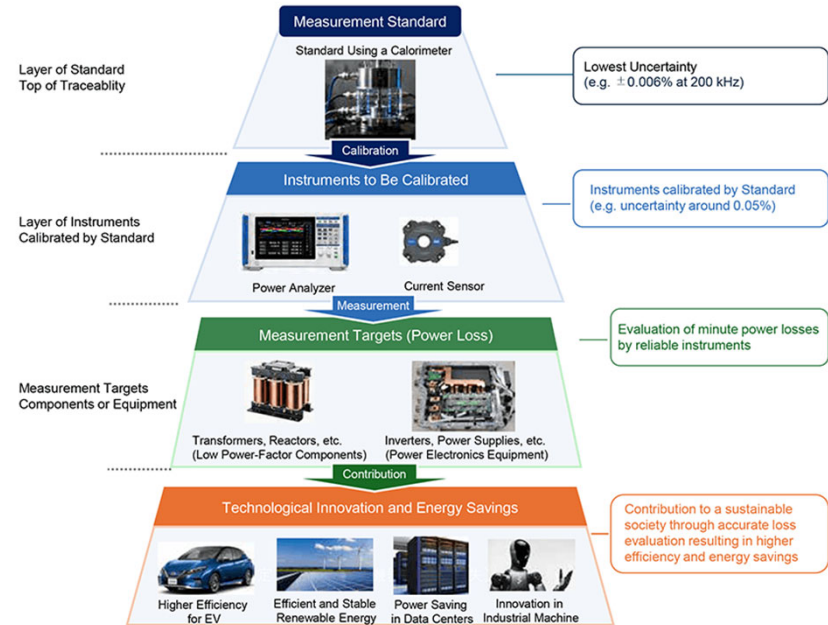
Calibration Technology as the Foundation of High-precision Power Measurement



Center: Proprietary calorimeter developed in-house.
Left and right: Power analyzer and current sensor to be calibrated.

The accuracy and frequency range of high-frequency power calibration have been improved tenfold compared to conventional methods.

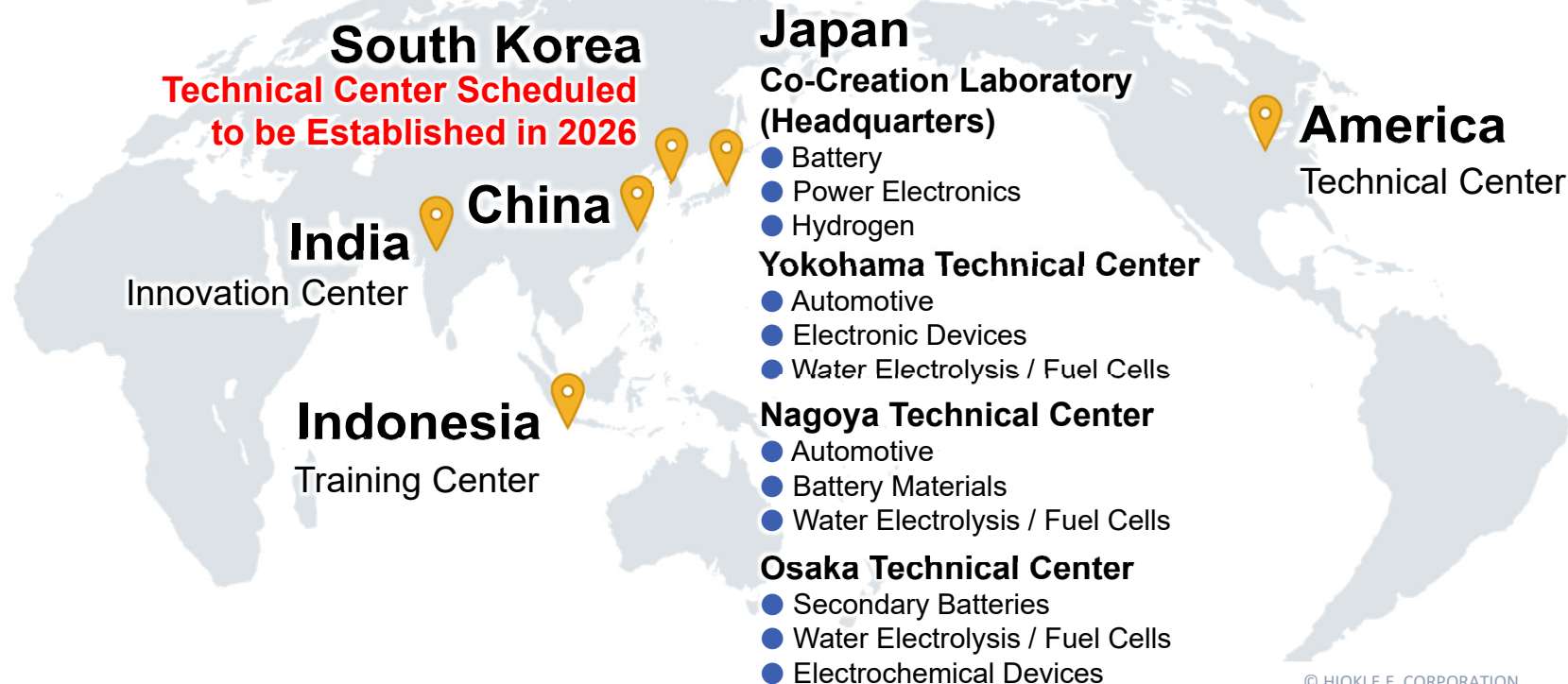
Not only the intrinsic measurement accuracy of the instrument itself, but also calibration to verify this accuracy is important. We have developed a new measurement standard for evaluating the high-frequency power measurement accuracy of power analyze



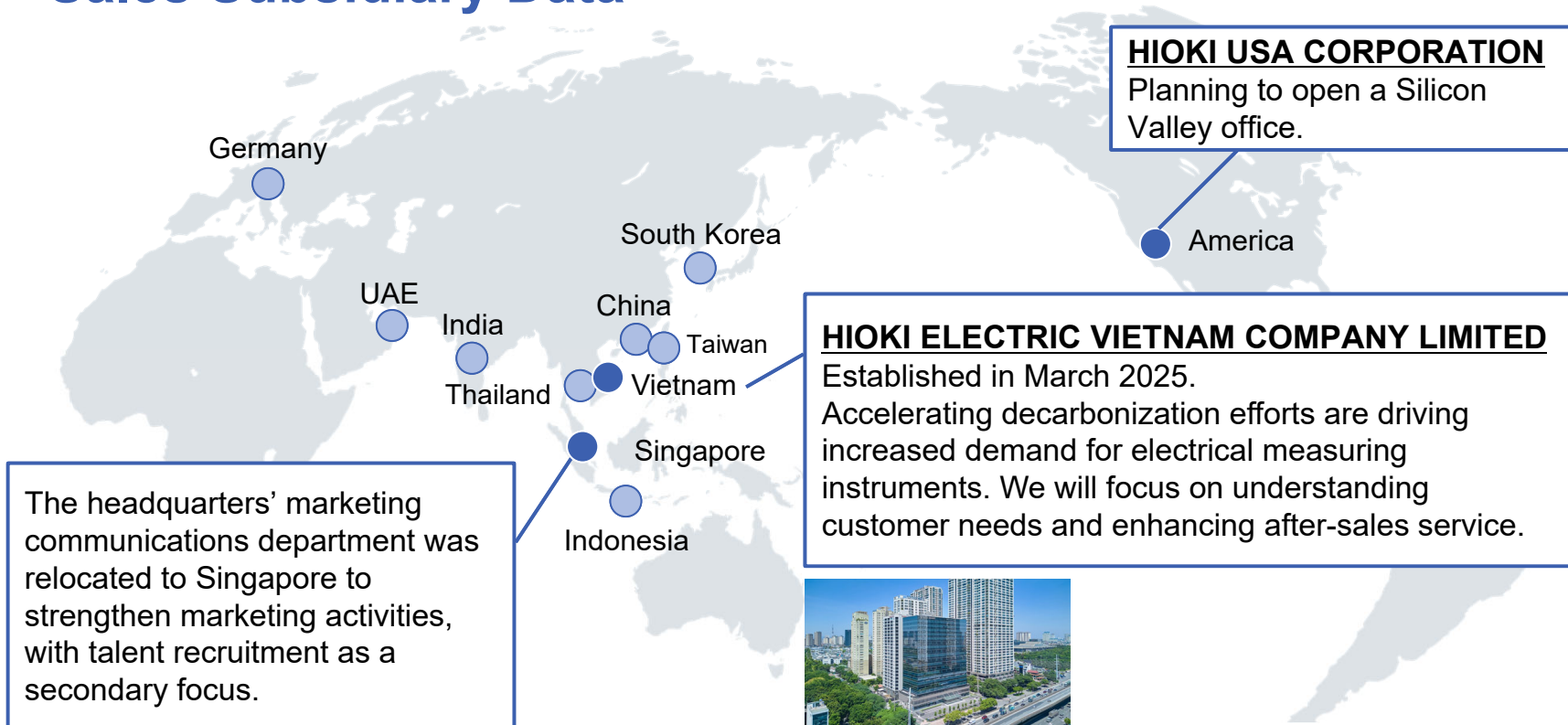
Hioki's contribution to the power electronics field

Creating Innovation Together with Customers

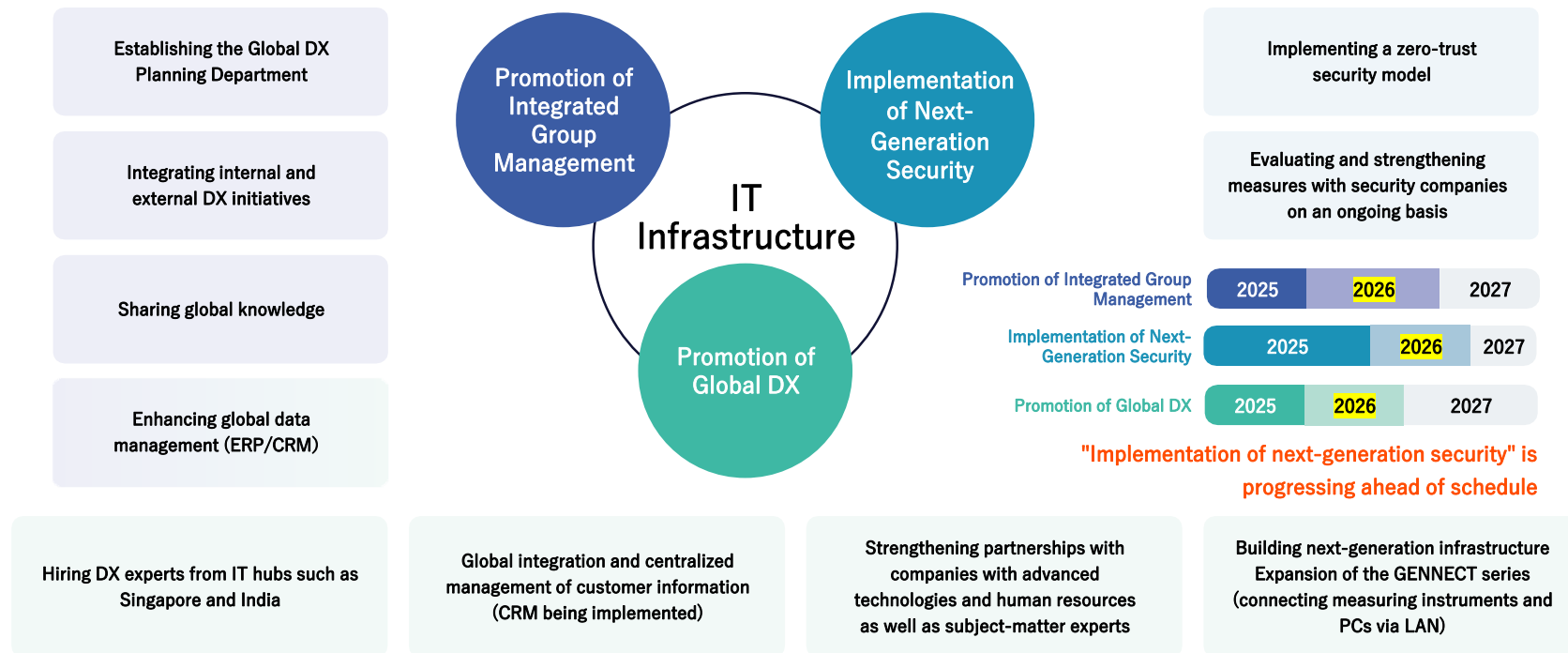
Establishing co-creation hubs with customers both domestically and internationally



Market-Driven Product Development Using Sales Subsidiary Data



Driving Medium- and Long-term Growth through a Global DX Strategy



Personnel System "HI Career System"

The new system started in 2025, abolishing regular salary increases (except for age-based pay).

Objectives

- Help individuals build their careers and achieve continuous growth while fulfilling their purpose (what they want to do, achieve, challenge, and contribute) through Hioki's business
- Develop and implement medium- to long-term growth strategies
- Establish framework to increase the overseas sales ratio to 75%

Measures

We will align all employees' purpose with the Company's management policies at a high level, enabling them to achieve their goals while enhancing job satisfaction (great workplace environment and fulfilling work duties).

Great workplace environment

[Innovative working arrangements]

- Long-term work from home
- Discretionary work

[Remuneration system]

- Benefits
- Return home allowance
- Temporary return-home allowance

Fulfilling work duties

[Selection]

- Career course
- Area of work
- Self-recommended promotion

[Remuneration system]

- Role allowance
- Global incentives
- Promotion and salary increase

Hioki Philosophy

Business Principles

Ideal Candidates

Long-term Management Policy Vision 2030

Sustainability Timeline

Under the "HIOKI philosophy," we have been engaged in sustainability initiatives. We will further promote initiatives toward realizing Vision 2030.

"HIOKI Philosophy"
Respect for Humanity
Contribution to Society

ISO14001
Certification



Establishment of EMS
Organizational Structure



"Vision 2030"
Sustainability Policies



Issuance of
Integrated
Reports

- Set Targets for Circular Economy
- Start Product Trade-In Service
- Adopt Bio-Polyethylene for Packaging Materials
- Start Using Recycled Plastics in Products
- Disclose in Accordance with TNFD
- Purchase of VCS-certified carbon credits
- Scope 1 and 2 investment-compatible carbon Achieving Neutrality

1995 : The 1st Conference of the Parties to the United Nations Framework Convention on Climate Change (COP1)

1997 : Establishment of the Kyoto Protocol (COP3)

2000 : Launch of CDP and MDGs

2015 : Adoption of the SDGs / Paris Agreement (COP21)

1986 1990 1995 2000 2005 2010 2015 2020 2025 2030 2035

Environmental
Resources

Hioki
Forest Hills

Local
Reforestation
Initiative

Zero Waste Plan

Establishment of the
HIOKI Scholarship and
Greening Fund

Kenya Vegetation Project

Green Points



Food Waste Reduction

Solar Panel Installation

Reforestation Initiatives by Subsidiaries

- Switch to CO2-Free Electricity
- Start Demonstration of Off-Grid EV Charging System
- Plan to Introduce 2MW Solar Power Generation Facility
- Purchase of Carbon-Neutral Gas
- Purchase of J-Credits Derived from Nagano Prefecture Forests
- Participation in the United Nations Global Compact
- 30by30 Initiative for Nature Symbiosis Sites

Human Resources (Health & Human Rights)

Basic Policy for
Procurement of Materials

Health Promotion Center

Platinum Kurumin
Eruboshi

GPTW "Certified Great
Place to Work"



Certified Health and
Productivity Management
Organization

健康経営優良法人 2024 Health and productivity

Simultaneous operation of three sustainability (environmental) axes

Public

HIOKI

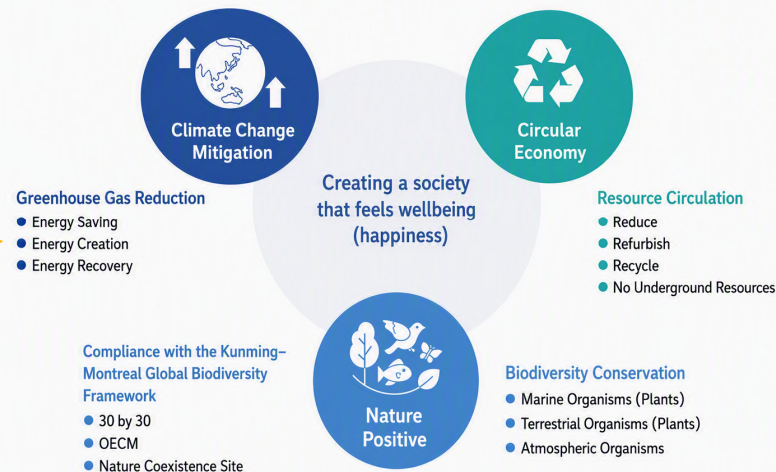


**United Nations Global Compact
Adhere to the 10 Principles in 4 Areas**

Human rights, labor, and anti-corruption are addressed through HIOKI Group policies.

<https://www.hioki.com/ja/corporate/vision/group-policy.html>

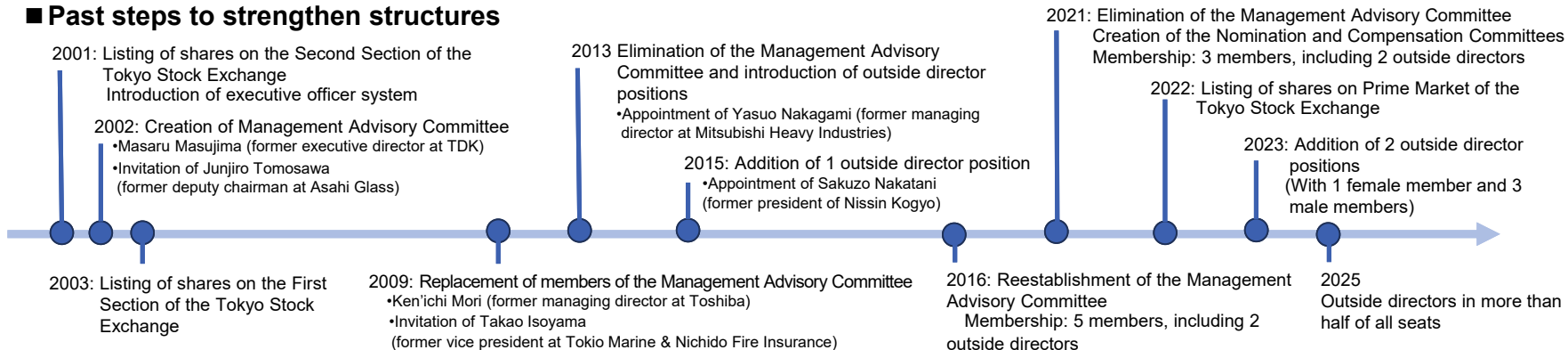
HIOKI's Three Pillars of Environmental Initiatives



**2025 Nature Symbiosis Site Certification
TNFD disclosure in February 2026 securities report**

Strengthening Corporate Governance Structures

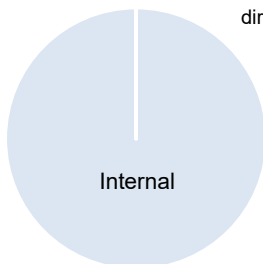
■ Past steps to strengthen structures



■ Changes in director makeup

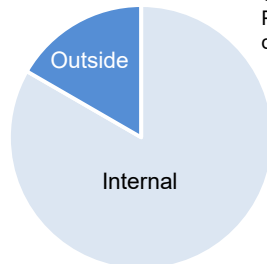
February 2001

Internal: 7
Percentage of outside directors: 0%



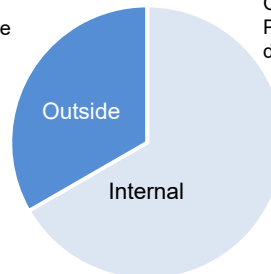
February 2013

Internal: 5
Outside: 1
Percentage of outside directors: 17%



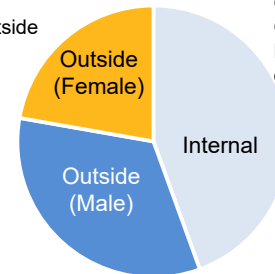
February 2015

Internal: 4
Outside: 2
Percentage of outside directors: 33%



February 2026

Internal (male): 4
Outside (male): 3
Outside (female): 2
Percentage of outside directors: 56%



Guidelines on Consolidated Balance Sheets (B/S)

In order to enhance corporate value through improved capital profitability, we will manage the B/S based on the following guidelines for the period up to the fiscal year ending December 2030.

Guidelines Regarding the Consolidated Balance Sheet (B/S)

- We aim to keep the ratio of "Cash and Deposits" on the consolidated balance sheet within 20%. For the time being, we will manage it so that the annual average remains within 25% to 30%.
- Considering our optimal capital structure and to minimize the Weighted Average Cost of Capital (WACC), we aim for a consolidated equity ratio of around 60%. For the time being, we will manage it so that it remains around 70%.

Note: Disclosed on September 9, 2025.

Cash Allocation for 2025–2027

Cash-In

3-year
cumulative CF
+
Research and
Development
Expenses
+
Cash and
Deposits
Discipline

Approximately
40 billion yen

Cash Out

Research and
Development
Expenses
1/3

Capital
Investment
1/3

Strategic
Investment
Shareholder
Returns
1/3

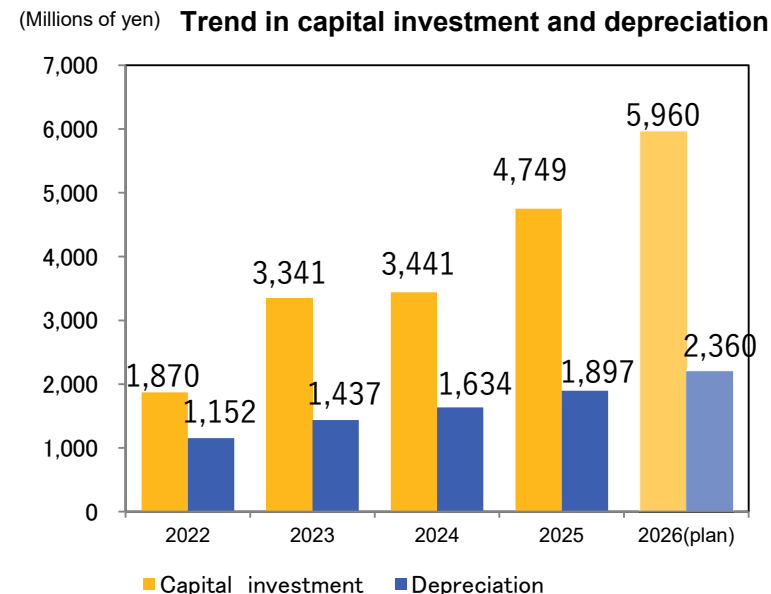
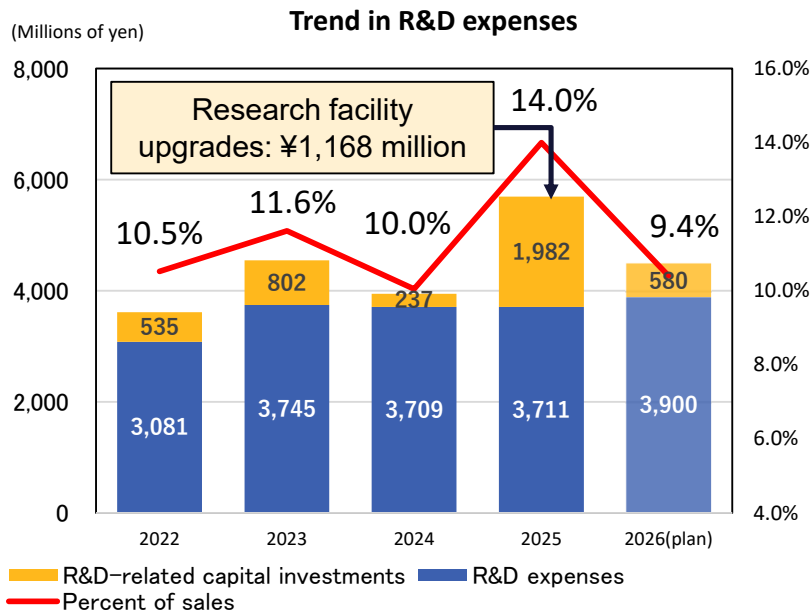
- Original products centered on elemental technologies
- Ratio of R&D expenses to sales: 10% or more (including research and development facilities)

-
- Research and development facilities
 - Production (new products + automation & rationalization)
 - Sales (strengthening after-sales service, samples, establishing new bases)
 - DX & infrastructure: IT infrastructure development including security, building maintenance and renewal
 - Achieving Scope 3 as a growth strategy
 - ZEB conversion through building renewal (sustainability investment)
-

- Cash and deposit discipline, share buybacks to enhance shareholder value / M&A as a growth strategy
 - Targeting a consolidated dividend payout ratio of 40%, with dividends linked to performance
-

Strengthening Competitiveness through Active R&D Investment and Capital Investment

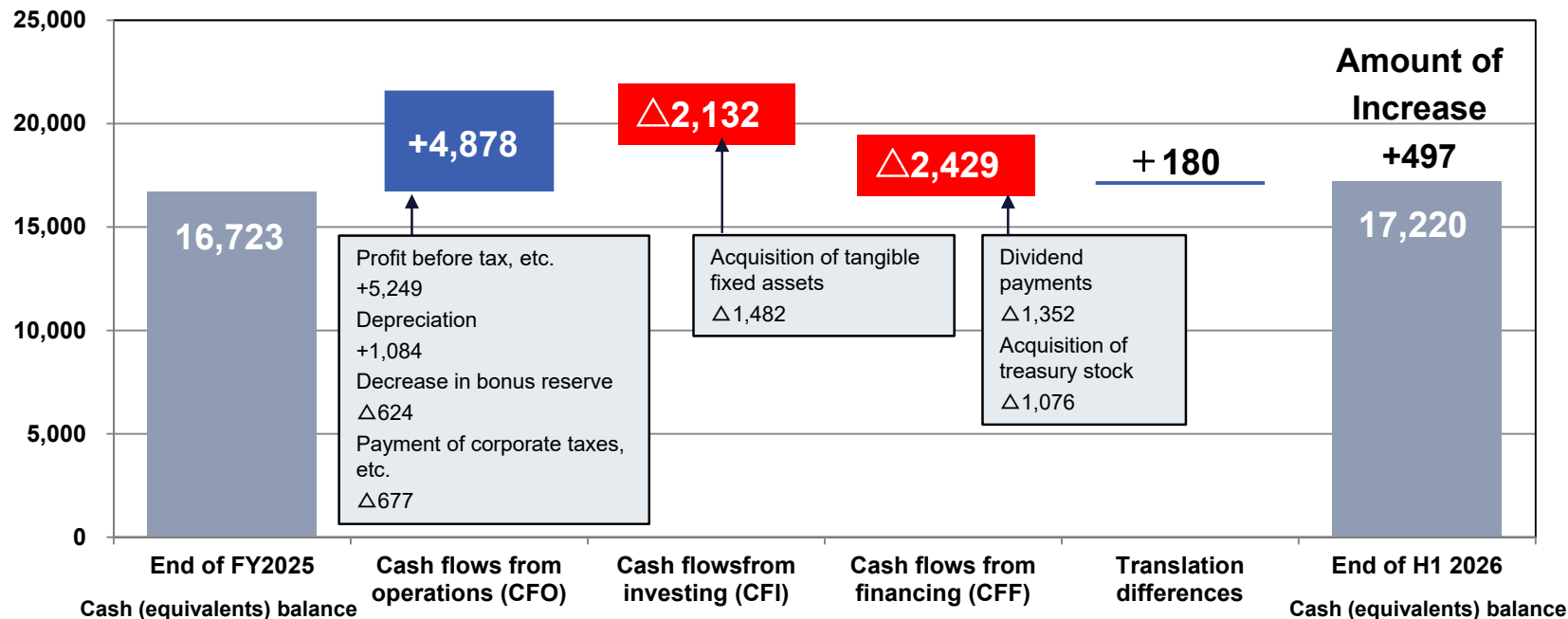
Boosting R&D spending as a percentage of sales to at least 10%



Note: The projected sales for 2026 were revised upward in June 2026. The R&D expenses use the values published in February 2026 (subject to future changes). Depreciation expenses were updated in June 2026.

Cash Flow

(million yen)



Quarterly Financial and Business Performance Overview

					(Million yen)	
	25-1Q	25-2Q	25-3Q	25-4Q	26-1Q	26-2Q
Net Sales	9,816	9,722	9,681	11,312	11,386	12,743
Cost of Sales	4,775	4,720	4,867	5,758	5,446	6,082
Cost of Sales Ratio	48.6%	48.5%	50.3%	50.9%	47.8%	47.7%
Gross Profit	5,041	5,002	4,814	5,554	5,939	6,662
Gross Profit Margin	51.4%	51.5%	49.7%	49.1%	52.2%	52.3%
SG&A	3,236	3,514	3,345	3,524	3,632	3,915
SG&A Ratio	33.0%	36.1%	34.6%	31.2%	31.9%	30.7%
Operating Profit	1,804	1,489	1,468	2,030	2,306	2,747
Operating Profit Margin	18.4%	15.3%	15.2%	17.9%	20.3%	21.6%
Ordinary Profit	1,697	1,576	1,593	2,240	2,357	2,926
Ordinary Profit Margin	17.3%	16.2%	16.5%	19.8%	20.7%	23.0%
Net Profit	1,171	1,126	1,264	1,896	1,653	2,337
Earnings Per Share (EPS)	87	83	93	140	123	174

Quarterly Sales and Orders Received

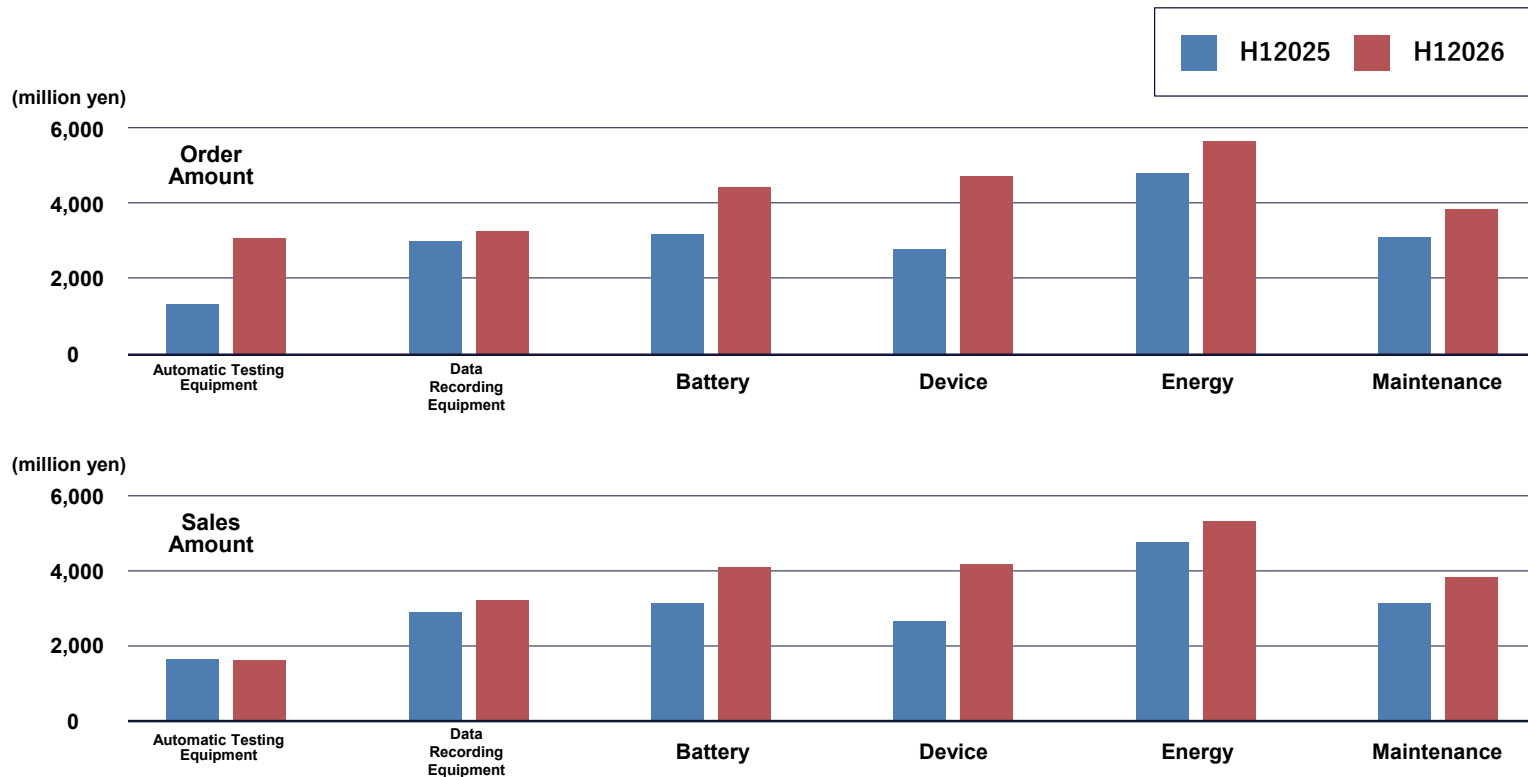
	Sales by Product Group					
	25-1Q	25-2Q	25-3Q	25-4Q	26-1Q	26-2Q
Automatic Testing Equipment	834	925	634	1,125	598	1,055
Recording Equipment	1,557	1,352	1,499	1,762	1,691	1,571
Electronic Measuring Instruments	4,715	4,820	5,063	5,589	6,023	6,840
Field Measuring Instruments	2,135	2,087	1,949	2,209	2,486	2,670
Peripheral Devices, Others	573	538	535	628	586	607
Total	9,816	9,722	9,681	11,312	11,384	12,743

	Order Volume by Product Group					
	25-1Q	25-2Q	25-3Q	25-4Q	26-1Q	26-2Q
Automatic Testing Equipment	841	556	895	903	1,194	1,982
Recording Equipment	1,606	1,449	1,490	1,672	1,539	1,795
Electronic Measuring Instruments	4,611	5,341	5,022	5,569	6,546	7,778
Field Measuring Instruments	2,200	1,985	2,030	2,511	2,427	2,789
Peripheral Devices, Others	540	542	637	625	572	625
Total	9,800	9,873	10,074	11,279	12,278	14,969

		Sales by Region					
		25-1Q	25-2Q	25-3Q	25-4Q	26-1Q	26-2Q
Japan		3,943	3,292	3,593	3,909	4,393	3,983
Asia		4,285	4,828	4,471	5,549	5,170	6,726
America		771	829	890	1,039	934	917
Europe		690	587	537	657	701	859
Other Regions		125	186	190	159	186	258
(Breakdown within Asia)	China	2,455	2,879	2,726	3,288	3,049	3,891
	South Korea	673	824	667	896	884	1,169
	Taiwan	368	323	278	333	301	696
	India	311	286	293	303	388	308
	Singapore	44	41	49	53	59	53
	Other Asia	434	475	458	676	489	609
Overseas Order Volume		5,873	6,430	6,088	7,403	6,992	8,760
Overseas Order Ratio		59.8%	66.1%	62.9%	65.4%	61.4%	68.7%
Total		9,816	9,722	9,681	11,312	11,386	12,743

		Order Volume by Region					
		25-1Q	25-2Q	25-3Q	25-4Q	26-1Q	26-2Q
Japan		3,701	3,639	3,696	4,102	4,345	4,515
Asia		4,479	4,558	4,919	5,134	6,160	8,400
America		803	880	823	1,068	813	870
Europe		646	558	498	739	744	734
Other Regions		168	238	140	235	215	217
(Breakdown within Asia)	China	2,533	2,821	3,022	2,674	3,613	4,894
	South Korea	840	627	732	1,203	742	1,303
	Taiwan	338	260	311	307	850	972
	India	287	235	266	364	367	346
	Singapore	49	37	56	46	67	44
	Other Asia	432	578	532	540	521	841
Overseas Order Volume		6,099	6,233	6,378	7,178	7,934	10,456
Overseas Order Ratio		62.2%	63.1%	63.3%	63.6%	64.6%	69.8%
Total		9,800	9,873	10,074	11,279	12,279	14,971

Sales and order results by market application



Exhibited at trade show

HIOKI

そのモーター効率は本当に正解か?

低負荷における効率100%超えの原因と解決アプローチ

高精度な電力測定で見逃さない
"リンギング電力"

近年、EVやHEVなどの次世代パワーデバイスの普及により、インバーターの出力電圧は高周波化しています。それに伴い、出力電力にも高周波成分が含まれるようになっており、その中で、特にモーターとインバーター間のケーブルや、モーターの巻線に起因するリンギング損失が顕在化しています。このリンギングを捉えて正確に測定することこそ、高精度なインバーターおよびモーターの設計が可能です。




測定上の課題

Fundamental **Carrier** **Ringing**

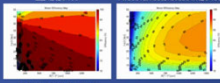
リンギング電力は高周波成分で電力率、パワーアナライザと電圧センサの共振による振動が原因で測定が不可。特にモーターの低負荷条件では、キャリア周波数による共振とリンギング電力による損失の割合が相対的に大きくなることで効率に大きな影響を与えます。これらの正確な評価はインバーターとモーターの最適設計に重要です。

項目	単位	実測値	標準値
入力電力 P_{in}	[W]	-9.00	-9.00
出力電力 P_{out}	[W]	-60.84	-60.83
効率 η	[%]	174.63	14.40
損失電力 P_{loss}	[W]	-26.045	34.976

※電圧: 1V/div, 時間: 200ns

効率マップによる比較

モーターの低負荷条件に、基本A社の効率測定では100%を超えが現れ、しかも、その10%以内の効率マップは、実測値と一致しなかった。両者の差はリンギング電力を含む高周波電力成分の測定精度に起因します。正解は効率精度は、正確な高精度なパワーアナライザと電圧センサの組み合わせが可能です。



※電圧: 1V/div, 時間: 200ns

モーターの低負荷条件において、効率が100%を超えたり、電力損失がマイナスになるなど測定でお困りの場合は、ぜひ弊社までご連絡ください。

お問い合わせ先: HIOKI 株式会社

人とくまのテクノロジー展2026 HIOKIの計測ソリューション一覧

パワトレ評価

ETAS + HIOKI

パワーコントロールユニットの計測と適合

パワーアナライザ PW8001

電圧測定: 最大電圧 0.03V, サンプルレート 80k, 15 MHz, 最大1500 V, 2000 A

バッテリー評価

新機インピーダンス測定システム

インピーダンス測定システム BT4560

インピーダンス測定: 0.1 μΩ, 0.1 μΩ, 測定範囲: 10 mHz ~ 1000 Hz

バッテリースタ BT4065, BT4075

AC/DC電圧: 0.01 μV (5.9 mV), DC電圧: 0.01 μV (7.9 mV)

電費測定

AC/DC電圧プローブ CT6633, CT6634

車両総合

GENNECT Space SP4300

データ映像GPS

Everything in One Space

昇降機CANセンサSP7001

ケーブルの長さや位置を正確にCAN信号を簡単に取得

SP7001-05

HIOKIの最新ソリューション、お求めやすい価格

HIOKI

お問い合わせ先: コナラ

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MAIL: shigeta@hiooki.co.jp

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Techno-Frontier 2026

Power Electronics Technology Expo

July 15 - July 17, 2026

Notes on this material

The plans, forecasts, strategies, etc. regarding future performance described in this material are based on information currently available and include risks and uncertainties. Please be aware that actual results may differ significantly due to various important factors.

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