

# Information



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# Our Business Segments & Flagship Products

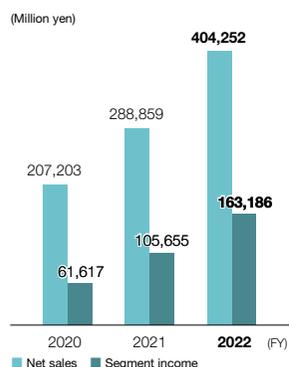
Advantest has three business segments: Semiconductor and Component Test Systems, which accounts for about 70% of sales; Mechatronics Systems, which handles test system peripherals; and Services, Support and Other, which mainly provides customer support and system-level test products. In combination, these products and solutions enable us to respond to a wide variety of semiconductor test needs and diverse customer requirements. Our broad portfolio is one of the keys to our competitiveness.

## Semiconductor and Component Test Systems

Semiconductor test equipment is our main product line. Our test systems are roughly divided into testers for SoC semiconductors and testers for memory semiconductors.

Testers for SoC semiconductors can test almost all devices other than memory semiconductors, such as logic semiconductors, analog semiconductors, and RF devices. The SoC semiconductor tester market is two to three times larger than the memory semiconductor tester market, and users number in the hundreds, including fabless and OSAT companies. The SoC semiconductor tester market is characterized by this large number of customers and the wide range of device types needing to be tested. Our testers for SoC semiconductors feature excellent scalability in terms of test range and test capacity, and can test a wide range of devices, from low-cost IoT devices to high-end semiconductors.

Memory semiconductor testers are optimized for the mass production of memory semiconductors, such as DRAM and NAND flash. In the memory sector, device types are less diverse, and production volumes are huge, meaning that customers seek to adopt testers capable of testing hundreds of devices at once. Our memory testers dominate this sector, as they are capable of higher speeds than the fastest devices in production today, and boast industry-best parallel test capabilities.



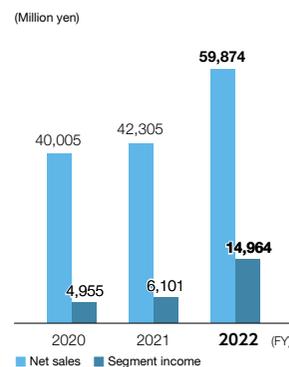
## Mechatronics Systems

Our mechatronics-related business consists of test peripherals such as device interfaces and test handlers, which are used in conjunction with test systems, and nanotechnology products used in front-end semiconductor manufacturing processes.

A device interface is a general term for devices that are electrically connected to a test system, making it possible to rapidly repurpose the test system to test diverse devices with various sizes and pin counts.

A test handler is a tool that performs the three roles of transporting semiconductor packages to the test system, applying temperature to them, and sorting semiconductors according to test results in back-end semiconductor manufacturing processes. Our handlers, test systems, and device interfaces comprise one-stop "test cells" that combine high test quality and production efficiency.

Our nanotechnology products are scanning electron microscopes that utilize our proprietary electron beam technology. They are used to measure the width and height of circuits drawn on photomasks and wafers in front-end semiconductor manufacturing processes, an area where demand is expected to increase with the spread of EUV lithography.



## Services, Support and Others

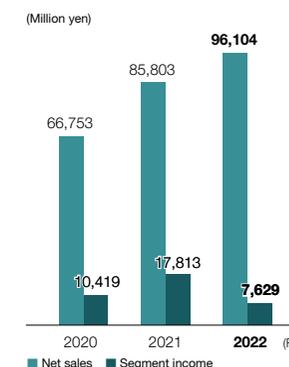
Our field services business and system level test business account for the majority of sales in this segment.

Field services are not limited to maintenance of our systems. We are also expanding into high value-added services such as system utilization rate improvement, mass production ramp consulting, and security-conscious online support.

System-level test systems test semiconductors in an environment similar to that of the final product where the semiconductors will be used. It screens out defects that cannot be checked

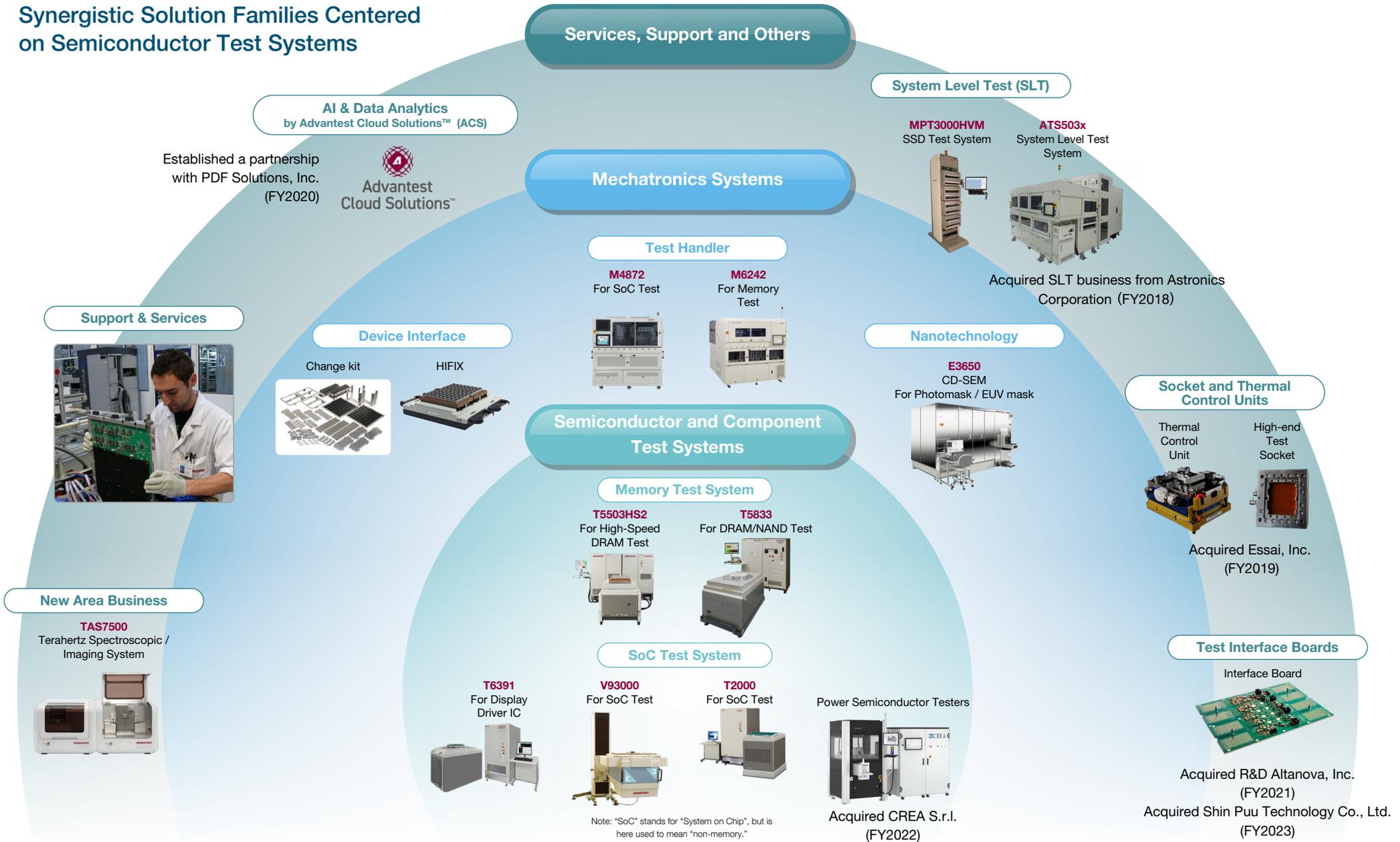
by testing the device in a stand-alone environment. We built an early position of strength in this sector through acquisitions, and are now working to grow our system-level test business through synergies with our test systems.

In addition, this segment includes Advantest Cloud Solutions™ (ACS), which enables data utilization in the semiconductor manufacturing process; second-hand product sales; and products for non-semiconductor applications such as measurement solutions for the medical and pharmaceutical fields.



Our Business Segments & Flagship Products

# Synergistic Solution Families Centered on Semiconductor Test Systems



# Our Technology In-Depth: Semiconductor Test Systems

## The Value of Test Systems

The semiconductors used in various products are so important to the functioning of modern society that they cannot be allowed to fail. However, with semiconductors that operate at high speeds and utilize nanometer-scale circuits, even the smallest manufacturing issues can cause defects such as disconnections or variations in operating voltage and timing. In particular, leading-edge devices pose major technical challenges in terms of manufacturing stability. Manufacturers aim to rapidly achieve high-quality volume production of their devices, in part by thoroughly testing them from the early stages of design all the way through to the production line. This is where semiconductor test systems come into play. Test systems not only perform “final test”, after semiconductors are packaged, to determine whether they work properly, but also perform “wafer test” at the end of the front-end process. They are even used at the design and evaluation stages. By analyzing the causes of defects revealed by volume production test and feeding them back to the design stage, yields can be improved, and test programs and test data from the design and evaluation stages can be utilized in volume production test, shortening overall time to market, speeding up the volume production process, and reducing costs.

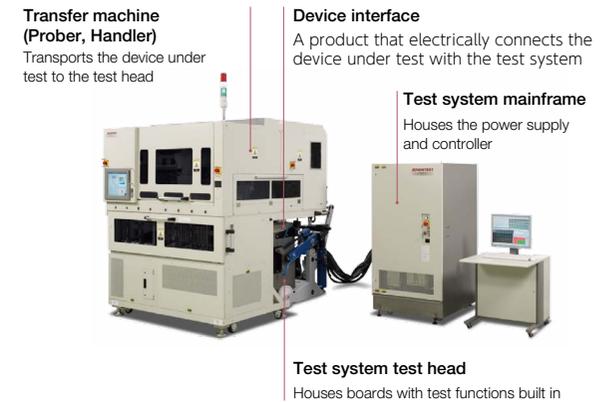
In addition, many test systems use a modular architecture. By replacing boards, test programs, and device interfaces, it is possible to test multiple types of semiconductor devices on a single system. In the SoC business, where diverse applications require a large variety of device types to be developed, test system flexibility is a major factor in the success of our customers.

## What Makes Our Test Systems Superior?

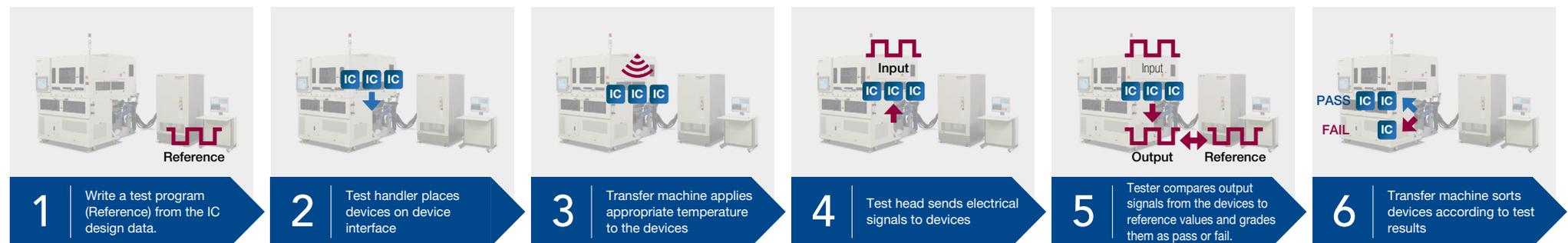
Semiconductor test systems have a wide range of points of differentiation, such as measurement quality, test speed, throughput (test time required per device), footprint, and control of heat generation, but the key to achieving superiority on many of these metrics is the semiconductors used in test systems themselves. This is why test system providers design their own semiconductors for use in their products. That design capability is the most important factor in determining the performance of a test system and differentiating it from competing products. In addition to the semiconductors installed in the test system, there are many points of differentiation related to test capabilities and quality, such as the communication network, power supply, mechanism to contact the device under test,

and system software. Test system providers must have the technical ability to supply a wide range of these capabilities and integrate them into a single system. By collecting information through market research and patiently building relationships with customers, while accumulating advanced elemental technologies based on that information, Advantest has acquired an overwhelming technological superiority that our competitors cannot imitate.

## Structure of Semiconductor Test Systems



## Semiconductor Test Flow (Function Test)



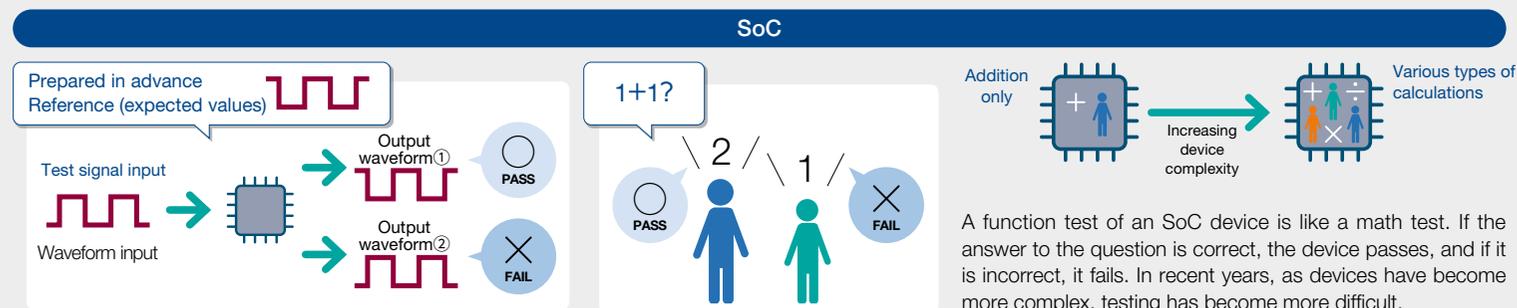
▶ Our Technology In-Depth: Semiconductor Test Systems

### Types of Semiconductor Test

There are various types of semiconductors, such as memory devices and SoC devices, for different applications, and each type has different functions. In semiconductor test, a wide variety of "function tests" are performed according to the functions of the device under test. In addition, "timing tests" and "electrical characteristic tests" are also performed.

## Function Test

Various patterns are used to test whether the device operates as designed, depending on the functions of the device.



### Memory

A memory device function test checks whether "0" and "1" can be written/read to each memory cell (the smallest data storage unit). Since memory semiconductors are used to store data, every cell must be tested. As the capacity of memory devices increases, it is important for test systems to be able to efficiently "parallel test" many devices at the same time.

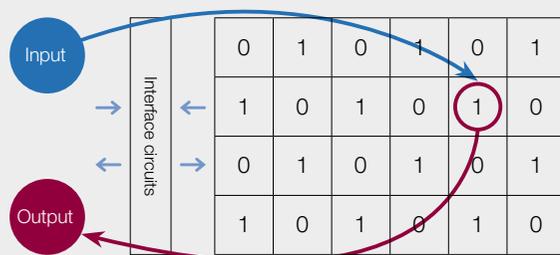
## Timing Test

While a function test checks whether the answer is correct, so to speak, a timing test checks whether the device can answer the question within the specified timeframe.

### SoC

When judging whether a device is good or bad, it is important not only to ensure that it operates as designed, but also that it can operate at the expected speed. SoC timing tests check whether the device operates within the speed range specified for the application of the device.

### Memory



A memory timing test checks whether the timing of data output is within design specifications when the device is instructed (input) to read data from a specific cell.

## Electrical Characteristics Test

### Memory & SoC

One common electrical characteristic test is a "leakage test." Current is passed through the device to test whether the value of the current that leaks out (leakage current) is within the specified range. Leakage current refers to current leaking out from an insulating part in an electronic circuit where current should not flow. With device miniaturization, wires are closer together and the insulation separating them is thinner, making leakage current more of a problem.

## The Devices We Test

**Advantest's test systems are responsible for testing a wide variety of semiconductors produced by global customers. Our reliability guarantee supports the safety, security, and comfort of people's lifestyles worldwide.**



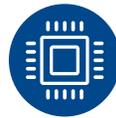
### Application processors

These devices symbolize the evolution of semiconductors and resulting smartphone performance gains. Application processor test is uniquely complicated due to the adoption of state-of-the-art semiconductor processes in their production, whilst manufacturers are also actively investing in test systems.



### Display driver ICs

These ICs control the color and brightness of displays on products such as smartphones and televisions. In the display industry, technological evolution is driving rapid new developments such as the adoption of organic EL, larger screens, higher definition, narrower edges, and incorporation of touch sensors, so display driver IC test is becoming more complex.



### Memory Semiconductors

Semiconductors that store data include DRAM, which can read and write data at high speed, and NAND flash, which can hold data for a long time without a power supply. In recent years, demand from the smartphone and data center sectors has been increasing.



### CMOS image sensors

These semiconductors convert camera images into digital data. In addition to the trends toward higher image quality and multi-lens cameras in smartphones, rapid progress in response to highspeed image data processing amidst growing demand for video has created new needs for higher test system performance.



### Power devices

These semiconductors convert DC to and from AC and adjust voltage, among other functions. They have a wide range of applications in addition to consumer electronics, including automobiles, industrial equipment, and wind solar power generation. The power device market is expected to grow in the future amidst increasing public demand for lower power consumption.



### HPC devices

This is a general term for semiconductors for high performance computing (HPC), which are designed to perform large-scale operations at high speed on data servers and AI servers. With the spread of AI, machine learning, and deep learning, the HPC device market continues to make yearly strides.



### RF devices

Radio Frequency ICs handle wireless communications. Their main applications are smartphones and base stations. With the expansion of 5G into the millimeter-wave band, expectations are rising for test solutions that address these technological trends.



### Automotive Semiconductors

This is a general term for semiconductors installed in automobiles, such as controllers for engines and batteries, sensors for airbags and collision avoidance systems. High quality and reliability that meet the safety standards of automobiles are required, so it is necessary to carefully test these devices.



# 11 Year Financial Highlights

Advantest corporation and its consolidated subsidiaries. Each fiscal year beginning on April 1

		US GAAP					IFRS					FY2022 (2023/3)
		FY2012 (2013/3)	FY2013 (2014/3)	FY2014 (2015/3)	FY2015 (2016/3)	FY2016 (2017/3)	FY2017 (2018/3)	FY2018 (2019/3)	FY2019 (2020/3)	FY2020 (2021/3)	FY2021 (2022/3)	
<b>Financial Results</b>												
<b>Fiscal year</b>	(Unit)											
Net sales	Million yen	132,903	111,878	163,803	162,111	155,916	207,223	282,456	275,894	312,789	416,901	<b>560,191</b>
Gross profit	Million yen	68,920	49,333	91,755	91,475	89,740	106,588	154,039	156,497	168,291	235,907	<b>319,061</b>
Selling, general and administrative expenses*1	Million yen	68,840	85,702	74,897	78,878	75,835	82,101	89,377	97,789	97,565	121,173	<b>151,374</b>
Operating income	Million yen	80	(36,369)	16,858	12,597	13,905	24,487	64,662	58,708	70,726	114,734	<b>167,687</b>
EBITDA*2	Million yen	8,143	(28,101)	21,588	17,562	19,063	29,511	69,629	69,600	82,482	129,702	<b>189,083</b>
Income (loss) before income taxes	Million yen	(1,293)	(35,501)	20,767	11,767	15,022	24,282	66,211	58,574	69,618	116,343	<b>171,270</b>
Net income (loss) attributable to owners of the parent	Million yen	(3,821)	(35,540)	16,753	6,694	14,201	18,103	56,993	53,532	69,787	87,301	<b>130,400</b>
Cash flows from operating activities	Million yen	(2,215)	(3,776)	24,481	7,728	15,833	28,254	44,792	66,475	67,830	78,889	<b>70,224</b>
Cash flows from investing activities	Million yen	(11,498)	(4,711)	(1,310)	(2,395)	(3,521)	(2,329)	(15,915)	(38,819)	(16,831)	(46,907)	<b>(26,706)</b>
Cash flows from financing activities	Million yen	(2,914)	27,202	(1,298)	(13,531)	(1,002)	(15,237)	(13,724)	(17,916)	(30,415)	(68,736)	<b>(77,434)</b>
Free cash flows*3	Million yen	(13,713)	(8,487)	23,171	5,333	12,312	25,925	28,877	27,656	50,999	31,982	<b>43,518</b>
Cash and cash equivalents at end of year	Million yen	45,668	68,997	97,574	85,430	95,324	103,973	119,943	127,703	149,164	116,582	<b>85,537</b>
<b>Fiscal year-end</b>												
	(Unit)											
Shareholders' equity	Million yen	141,241	116,252	101,810	93,619	109,517	124,610	198,731	231,452	280,369	294,621	<b>368,694</b>
Total assets	Million yen	225,515	229,856	233,237	210,451	231,603	254,559	304,580	355,777	422,641	494,696	<b>600,224</b>
<b>Information per share</b>												
	(Unit)											
Basic earnings (loss) per share	¥	-5.51	-51.02	24.04	9.59	20.27	25.49	75.59	67.53	88.47	112.39	<b>174.35</b>
Diluted earnings (loss) per share	¥	-5.51	-51.02	21.92	8.85	18.49	23.17	71.84	67.24	87.96	111.82	<b>173.68</b>
Shareholders' equity per share	¥	203.17	166.84	145.82	134.07	154.83	174.01	251.13	291.63	356.82	387.93	<b>500.61</b>
Dividend per share	¥	5.00	3.75	3.75	5.00	6.25	8.00	23.00	20.50	29.50	30.00	<b>33.75</b>
Number of shares issued at year-end		798,267,080.00	798,267,080.00	798,267,080.00	798,267,080.00	798,267,080.00	798,267,080.00	798,267,080.00	798,267,080.00	798,267,080.00	798,169,060.00	<b>766,169,060.00</b>
<b>Management indicator</b>												
	(Unit)											
Overseas net sales as a % of total net sales	%	89.4	89.1	92.0	92.0	88.2	93.2	94.7	94.6	95.5	96.1	<b>96.3</b>
Net sales per employee	Million yen	29.0	24.2	35.9	36.1	35.3	46.5	61.0	54.7	59.5	70.2	<b>85.6</b>
Gross profit margin	%	51.9	44.1	56.0	56.4	57.6	51.4	54.5	56.7	53.8	56.6	<b>57.0</b>
Operating Income Margin	%	0.1	(32.5)	10.3	7.8	8.9	11.8	22.9	21.3	22.6	27.5	<b>29.9</b>
Net income ratio	%	(2.9)	(31.8)	10.2	4.1	9.1	8.7	20.2	19.4	22.3	20.9	<b>23.3</b>
SG&A ratio to sales	%	51.8	76.6	45.7	48.6	48.7	39.6	31.6	35.4	31.2	29.1	<b>27.0</b>
R&D Expenses	Million yen	33,062	32,670	29,507	31,298	31,170	33,540	37,852	40,070	42,678	48,367	<b>60,094</b>
R&D as a % of total net sales	%	24.9	29.2	18.0	19.3	20.0	16.2	13.4	14.5	13.6	11.6	<b>10.7</b>
Capital Expenditures	¥100 million	126	56	42	40	48	54	66	99	137	180	<b>250</b>
Depreciation and Amortization	¥100 million	81	83	47	50	52	50	50	109	118	150	<b>214</b>
EBITDA margin*2	%	6.1	(25.1)	13.2	10.8	12.2	14.2	24.7	25.2	26.4	31.1	<b>33.8</b>
Cash conversion cycle	Day	172	192	143	163	186	137	132	162	134	136	<b>178</b>
Shareholders' equity ratio	%	62.6	50.6	43.7	44.5	47.3	49.0	65.2	65.1	66.3	59.6	<b>61.4</b>
ROE	%	(2.8)	(27.6)	18.5	6.9	14.0	15.5	35.3	24.9	27.3	30.4	<b>39.3</b>
Dividend payout ratio	%	—	—	15.6	52.2	30.8	31.4	30.4	30.4	33.3	26.7	<b>19.4</b>
Yen exchange rate	US Dollar	83	100	108	121	108	111	110	109	106	112	<b>134</b>
	Euro	105	133	140	133	119	129	129	121	123	130	<b>140</b>

\*1 Selling, general and administrative expenses from the fiscal year ended March 31, 2015 are composed of selling, general and administrative expenses, other income/expenses. Figures until the fiscal year ended March 31, 2014 consist of research and development expenses, selling, general and administrative expenses, restructuring and impairment charges.

\*2 EBITDA= Operating income + Depreciation and amortization, EBITDA margin = EBITDA/Sales

\*3 Free cash flows= Cash flows from operating activities + Cash flows from investing activities

\*4 Advantest has issued a 4-for-1 stock split of common stock, effective October 1, 2023. The below information per share figures are based on the assumption that the stock split had been issued at the beginning of fiscal 2012.

	(Unit)	CY2012	CY2013	CY2014	CY2015	CY2016	CY2017	CY2018	CY2019	CY2020	CY2021	CY2022
Global real GDP growth (Source: IMF)	%	3.5	3.4	3.5	3.4	3.3	3.8	3.6	2.8	-3	6	<b>3.5</b>
Worldwide semiconductor sales (Source: WSTS)	Billion US dollar	292	306	336	335	339	412	469	412	440	556	<b>574</b>
SoC tester market size (Source: Advantest)	Million US dollar	2,050	1,450	1,950	1,650	2,000	2,200	2,550	2,700	3,000	4,300	<b>4,000</b>
Memory tester market size (Source: Advantest)	Million US dollar	450	420	420	470	470	750	1,150	650	1,200	1,300	<b>1,200</b>

# Sustainability Accounting Standard Board (SASB) Reporting

Advantest corporation and its consolidated subsidiaries. Each fiscal year beginning on April 1

The Advantest Group reports sustainability related information based on the Sustainability Accounting Standards Board (SASB) standards.



※This table can be downloaded by CSV format.  
<https://www.advantest.com/sustainability/esg/sasb2023en.csv>

TOPIC	ACCOUNTING METRIC	SASB Code	CATEGORY	UNIT OF MEASURE	FY2016 (2017/3)	FY2017 (2018/3)	FY2018 (2019/3)	FY2019 (2020/3)	FY2020 (2021/3)	FY2021 (2022/3)	FY2022 (2023/3)
Greenhouse Gas Emissions	(1) Gross global Scope 1 emissions	TC-SC-110a.1	Quantitative	Metric tons(t) CO <sub>2</sub> -e	3,838	3,825	4,685	4,485	3,811	3,753	<b>3,449</b>
	(2) Amount of total emissions from perfluorinated compounds	TC-SC-110a.1	Quantitative	Metric tons(t) CO <sub>2</sub> -e	940	339	290	344	629	899	<b>999</b>
	Short-term and long-term Scope 1 emissions: strategies, goals, progress	TC-SC-110a.2	Discussion and Analysis	-	For strategies, goals, and progress regarding Scope 1 emissions, please refer to: <a href="https://www.advantest.com/sustainability/advantest-sustainability/materialityESG.html">https://www.advantest.com/sustainability/advantest-sustainability/materialityESG.html</a>						
Energy Management in Manufacturing	(1) Total energy consumed	TC-SC-130a.1	Quantitative	Gigajoules (GJ)	736,049	770,427	844,021	887,837	956,119	996,766	<b>1,003,815</b>
	(2) Percentage grid electricity	TC-SC-130a.1	Quantitative	%	79	79	79	66	52	44	<b>35</b>
	(3) Percentage renewable	TC-SC-130a.1	Quantitative	%	13	13	12	28	44	54	<b>63</b>
Water management	(1) Total water withdrawn	TC-SC-140a.1	Quantitative	Thousand cubic meters (m <sup>3</sup> )	288	249	280	261	250	236	<b>242</b>
	(2) Total water consumed	TC-SC-140a.1	Quantitative	Thousand cubic meters (m <sup>3</sup> )	172	127	119	112	107	106	<b>129</b>
	Total Percentage of each in regions with High or Extremely High Baseline water stress	TC-SC-140a.1	Quantitative	%	0	0	0	0	0	0	<b>0</b>
Waste Management	(1) Amount of hazardous waste from manufacturing	TC-SC-150a.1	Quantitative	Metric tons (t)	7.6	6.4	10.1	11.9	28.5	8.4	<b>18.1</b>
	(2) Percentage recycle	TC-SC-150a.1	Quantitative	%	73.8	100.0	100.0	99.9	91.1	71.9	<b>86.8</b>

▶ Sustainability Accounting Standard Board (SASB) Reporting

TOPIC	ACCOUNTING METRIC	SASB Code	CATEGORY	UNIT OF MEASURE	FY2016 (2017/3)	FY2017 (2018/3)	FY2018 (2019/3)	FY2019 (2020/3)	FY2020 (2021/3)	FY2021 (2022/3)	FY2022 (2023/3)
Employee Health & Safety	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	TC-SC-320a.1	Discussion and Analysis	-	For risk management for the health and safety of our employees, please refer to: <a href="https://www.advantest.com/sustainability/society/safety.html">https://www.advantest.com/sustainability/society/safety.html</a> 						
	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	TC-SC-320a.2	Quantitative	¥	957,552	0	0	0	0	0	0
Recruiting & Managing a Global & Skilled Workforce	Percentage of employees that are (1) Foreign nationals	TC-SC-330a.1	Quantitative	%	8	8	8	9	8	7	8
	(2) Located offshore	TC-SC-330a.1	Quantitative	%	0	0	0	0	0	0	0
Product Lifecycle Management	Percentage of products by revenue that contain IEC 62474 declarable substances	TC-SC-410a.1	Quantitative	%	81	85	89	85	91	91	92
	Processor energy efficiency at a system-level for: (1) servers, (2) desktops, and (3) laptops	TC-SC-410a.2	Quantitative	Various, by product category	n / a						
Materials	Description of the management of risks associated with the use of critical materials	TC-SC-440a.1	Discussion and Analysis	-	For risk management for the use of critical materials, please refer to: <a href="https://www.advantest.com/sustainability/society/schain-management.html">https://www.advantest.com/sustainability/society/schain-management.html</a> 						
Intellectual Property Protection & Competitive Behavior	Total amount of monetary losses as a result of legal proceedings associated with anticompetitive behavior regulations	TC-SC-520a.1	Quantitative	¥	0	0	0	0	0	0	0
Total production		TC-SC-000.A	Quantitative	Output	1,116	1,891	2,270	2,065	2,336	3,082	3,467
Percentage of production from owned facilities		TC-SC-000.B	Quantitative	%	39	45	53	39	43	11	10

# External Recognition

## Recognition by Rating Agencies

### Received "AA" Rating in MSCI ESG Ratings



Advantest received an "AA" rating in the 2023 MSCI ESG Ratings.

This constituted an upgrade from the previous "A" rating.

MSCI ESG Ratings aim to comprehensively analyze and measure corporate initiatives for relevant ESG risks and opportunities in the areas of Environment, Social, and Governance. ESG Ratings range on a seven-level scale (AAA, AA, A, BBB, BB, B, and CCC).

### Selected for S&P Sustainability Yearbook 2023



Advantest was selected for inclusion in the S&P Sustainability Yearbook 2023, which recognizes companies with ESG evaluation scores within the top 15% of their industries.

### Graded "A-" in the CDP Climate Change Report / Selected as "CDP Supplier Engagement Leader"



Advantest was graded A- in the CDP Climate Change Report 2022.

CDP is an international not-for-profit charity that runs a global disclosure system for investors, companies, nations, regions, and cities to manage their environmental impacts. CDP surveys companies and cities on their environmental protection practices for climate change, water source protection, forest preservation, and so on, and discloses the assessment results to investors.

Advantest has also been selected as a "Supplier Engagement Leader" in CDP's Supplier Engagement Rating (SER). CDP's SER recognizes companies that have excelled in addressing climate change throughout their supply chains, and our ratings show that we were highly evaluated for our preemptive efforts in cooperation with our suppliers in addressing issues on climate change.

## Inclusion in Investment Indexes

### Selected as A Constituent Stock of DJSI Asia Pacific



Advantest was selected as a constituent stock of the Dow Jones Sustainability Asian Pacific Index (DJSI Asia Pacific), which is operated by S&P Dow Jones Indices in the United States. The Dow Jones Sustainability Indices (DJSI) are composed of companies selected for their excellent sustainability performance on both general and industry-specific criteria. Since their launch in 1999, the DJSI has been recognized worldwide as an important indicator of corporate sustainability performance.

### Selected for FTSE4Good Index Series



Advantest has been selected as a constituent stock of the FTSE4Good Index Series.

Designed by FTSE Russell to measure the performance of companies that demonstrate strong Environmental, Social, and Governance (ESG) practices based on diverse relevant criteria, the FTSE4Good Index Series is a major index series used to create and assess sustainable investment funds and other financial products.

### Selected as A Constituent of the FTSE Blossom Japan Index



Advantest has been selected as a constituent stock of the FTSE Blossom Japan Index.

The FTSE Blossom Japan Index was designed by FTSE Russell to measure the performance of Japanese companies that demonstrate strong ESG practices.

### Selected as A Constituent Stock of FTSE Blossom Japan Sector Relative Index



Advantest has been selected as a constituent stock of the FTSE Blossom Japan Sector Relative Index.

The FTSE Blossom Japan Sector Relative Index is a performance benchmark created by global index provider, FTSE Russell, which reflects the performance of Japanese large-cap and mid-cap stocks that demonstrate outstanding Environmental, Social and Governance (ESG) practices relative to their respective sectors and is designed to be sector neutral.

External Recognition

### Selected as A Constituent Stock of the MSCI Japan ESG Select Leaders Index

2023 CONSTITUENT MSCI JAPAN ESG SELECT LEADERS INDEX

Advantest was selected as a constituent stock of the MSCI JapanESG Select Leaders Index.

The MSCI Japan ESG Select Leaders Index is a weighted index based on the MSCI Japan IMI Index, its parent index, designed to represent the performance of companies that excel in Environmental, Social, and Governance (ESG) performance relative to the peers, with a target market capitalization of 50% of each Global Industry Classification Standard (GICS®) industry sector.

### Selected as A Constituent Stock of the S&P/JPX Carbon Efficient Index



Advantest was selected as a constituent stock of the S&P/JPXCarbon Efficient Index.

The S&P/JPX Carbon Efficient Index is designed to measure the performance of companies in the TOPIX, a stock price index representative of trends in the Japanese market, while weighting constituent companies on sufficient environmental disclosure and carbon efficiency (carbon emissions per unit of revenue) within the same industry.

### Selected to be part of the SOMPO Sustainability Index



Advantest has been selected as a constituent stock of the SOMPO Sustainability Index.

The SOMPO Sustainability Index selects approximately 300 companies each year based on ESG criteria and their equity value. This index was created by SOMPO Asset Management for "SOMPO Sustainable Management," an investment product for pension funds and institutional investors.

### Advantest Receives "White 500" Certification from METI for 4th Consecutive Year



Advantest has been recently recognized under the 2023 Certified Health & Productivity Management Outstanding Organizations Recognition Program, which is jointly implemented by the Ministry of Economy, Trade and Industry and the Nippon Kenko Kaigi (Japan Health Council), as one of the organizations in the large enterprise category. At the same time, METI has certified Advantest as one of the "White 500"--the top 500 corporations recognized under the program--for the third consecutive year. This year for the first time, all seven of Advantest's domestic subsidiaries were certified.

Ever since the formulation of the Declaration of Health and Productivity Management Policy in September 2019, Advantest has been working together with domestic subsidiaries, health insurance unions, and labor unions to encourage employees to get health checkups, improve the adoption rate of specific health guidance, and implement mental health measures. In addition, the company has built up a portfolio of activities that directly affect the health of employees and their families, such as online diet and smoking cessation programs, exercise promotion using health promotion apps, and health literacy education.

Advantest actively promotes support programs for balancing work and private life. We have acquired "Certification level 2 (two stars)" of the "Eruboshi" certification based on the Act on Promotion of Women's Participation and Advancement in the Workplace in November 2020, and was also granted the "Kurumin" certification based on the "Act on Advancement of Measures to Support Raising Next Generation Children" in February 2021. Followed by the spread of COVID-19, top management sent out the message that employee health should be made a priority, and has been taking thorough measures to prevent the spread of infection including the enhancement of remote work productivity.

Advantest, the Japan Health Insurance Association, and our labor union will continue to work together to promote health management activities so that our employees, who are the company's greatest asset, can enjoy the best of physical and mental health, have abundant vitality, and maximize their abilities.

### Awarded as a "Best employers in the category of "Information Technology and Communication""(Germany Great Place to Work®)



Advantest Europe GmbH (AEG) has been recognized in the Great Place To Work® competition as one of top ten best employers in the category "Information Technology and Communication".

The award is by Great Place to Work®, a global survey institution, to evaluate the workplace culture of companies of various sizes in all industries. The companies are ranked on workplace culture based on credibility, respect, appreciation, team spirit, and unity between the company and its employees.

AEG was also ranked sixth in "Bavaria's Best Employer" (Bavaria: AEG Headquarters = Munich and Amerang Offices).

## Recognition and awards for our activities

### Advantest Named THE BEST Supplier of Chip Making Equipment and #1 ATE Supplier for 4th Consecutive Year from TechInsights



In the TechInsights (formerly VLSresearch) Customer Satisfaction Survey, Advantest captured the No.1 spot of global semiconductor companies for the fourth consecutive year. The company was also named on the 10 BEST Suppliers list of large suppliers of test equipment for the 35th consecutive year.

The TechInsights Customer Satisfaction Survey is the industry's only available opportunity since 1988 to receive feedback from semiconductor manufacturers. It evaluates and ranks equipment manufacturers based on 14 items in three key factors of customer service, supplier, and equipment performance.

# Corporate Overview / Stock Information (As of March 31, 2023)

## Corporate Overview

Registered Name: ADVANTEST CORPORATION

Head Office: Shin Marunouchi Center Bldg.,

1-6-2, Marunouchi, Chiyoda-ku, Tokyo 100-0005

Established: December 1954

Capital: 32,363 million yen

Stock Exchange Listings: Tokyo Stock Exchange,

Prime Market (Securities Code: 6857)

Number of Employees: 7,117 (Include temporary employees.)

Business Description: Semiconductor and Component Test System Business,  
Mechatronics System Business,  
Services, Support and Others

## Major Shareholders

Name	Number of Shares (in thousand)	Percentage of Ownership (%)
The Master Trust Bank of Japan, Ltd. (trust account)	61,338	33.26
Custody Bank of Japan, Ltd. (trust account)	28,274	15.33
STATE STREET BANK WEST CLIENT - TREATY 505234	3,201	1.73
HSBC HONGKONG-TREASURY SERVICES A/C ASIAN EQUITIES DERIVATIVES	2,938	1.59
NORTHERN TRUST CO. (AVFC) RE NON TREATY CLIENTS ACCOUNT	2,821	1.53
STATE STREET BANK AND TRUST COMPANY 505225	2,041	1.10
SSBTC CLIENT OMNIBUS ACCOUNT	1,899	1.03
BNYM FOR GOLDMAN SACHS JAPAN	1,861	1.00
DZ PRIVATBANK S.A. RE INVESTMENTFONDS	1,691	0.91
STATE STREET BANK AND TRUST COMPANY 505103	1,644	0.89

- (Notes)
1. The number of treasury shares (9,209 thousand shares) that Advantest owns does not include Advantest shares which the Board Incentive Plan Trust owns (89 thousand shares) and Advantest shares which the Employee Stock Ownership Plan Trust owns (335 thousand shares).
  2. Number of Shares is rounded down to the nearest thousand.
  3. Percentage of Ownership is calculated excluding treasury shares.

## Stock Information

Fiscal Year: April 1 through March 31

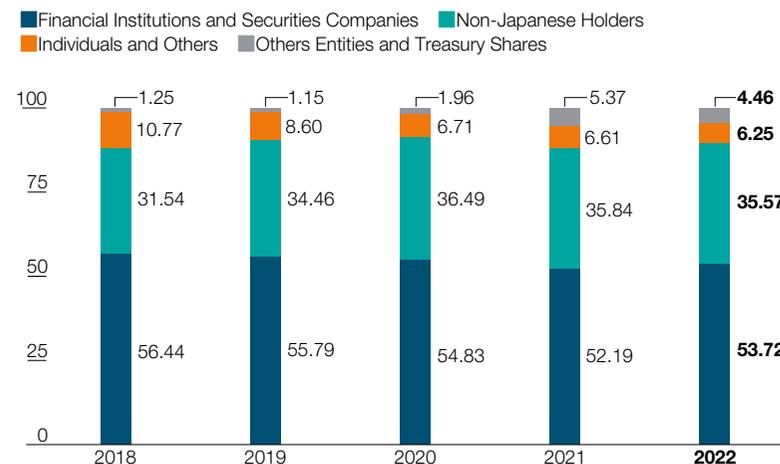
Ordinary General Meeting of Shareholders: June

Issuable Shares : 1,760,000,000 (As of October 1, 2023)

Issued Shares : 766,141,256 (As of October 1, 2023)

Number of Shareholders: 31,841

## Breakdown of Shareholders

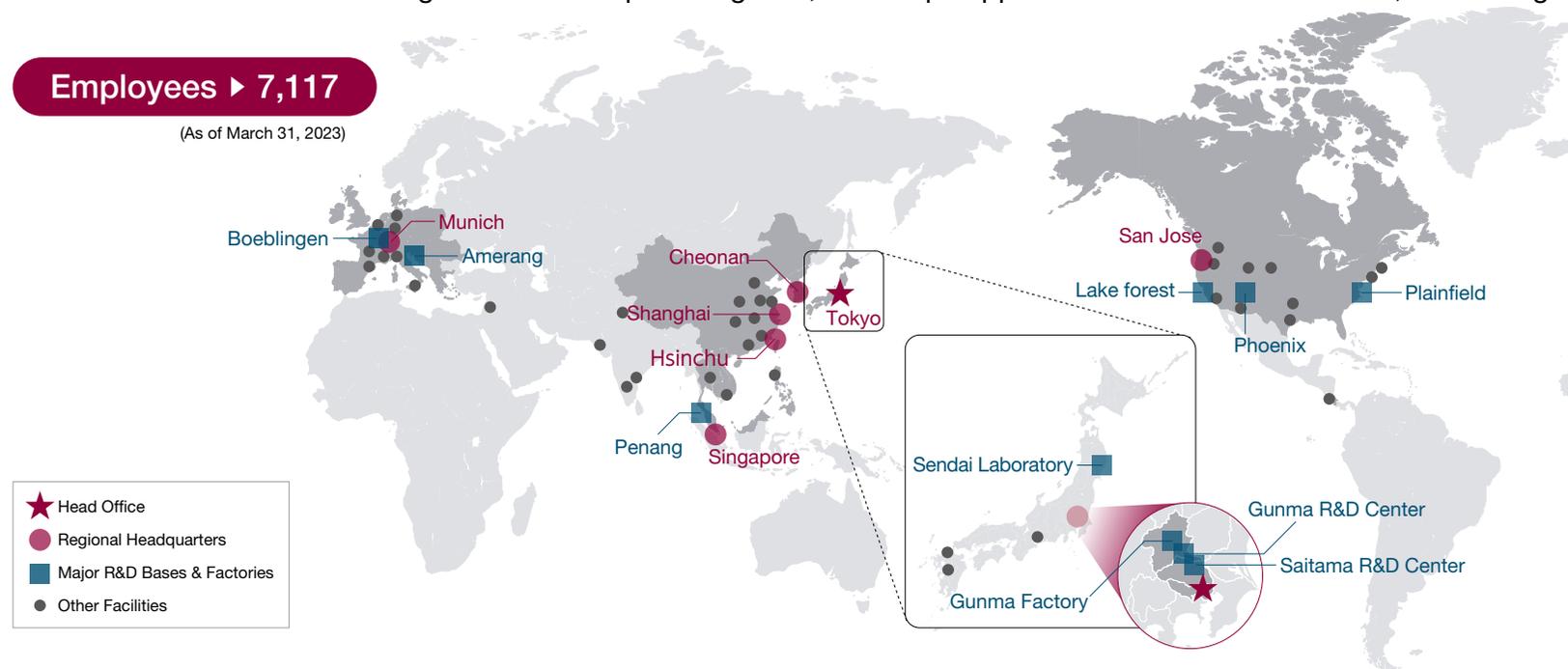


# Our Global Network

Advantest has R&D facilities in Japan, Germany, and the United States. Most of our sales and service locations are in Asia, including locations in Taiwan, South Korea, and China. In the semiconductor industry, the global division of labor means that the design, wafer, and packaging processes for a single semiconductor are often handled by separate companies in different locations worldwide. Our sales, R&D, and service departments around the world form cross-regional teams to provide global, one-stop support for customer value chains, from design to mass production.

Employees ▶ 7,117

(As of March 31, 2023)



### Major Subsidiaries

Region	Name	Location
Americas	Advantest America, Inc.	California, U.S.A.
Europe	Advantest Europe GmbH	Munich, Germany
Southeast Asia	Advantest (Singapore) Pte. Ltd.	Singapore
South Korea	Advantest Korea Co., Ltd.	Cheonan, Korea
Taiwan	Advantest Taiwan Inc.	Hsinchu, Taiwan
China	Advantest (China) Co., Ltd.	Shanghai, China

### Other Subsidiaries

Region	Name	Location	Business
Japan	Advantest Kyushu Systems Co., Ltd.	Kitakyushu, Fukuoka	Development, sales and support of the company's products
Japan	Advantest Laboratories Ltd.	Sendai, Miyagi	Research and development of measuring and testing technologies
Japan	Advantest Component, Inc.	Sendai, Miyagi	Development and manufacturing of parts for Advantest products
Japan	Advantest Green Corporation	Oura-gun, Gunma	Environmental management and greening services for Advantest's business locations (Advantest Green is a special subsidiary that promotes the employment of people with disabilities)
Americas	Advantest Test Solutions, Inc.	California	Design and sales of system-level test products
Americas	Essai, Inc.	California	Design, manufacturing, and sales of test sockets
Americas	R&D Altanova, Inc.	New Jersey	Design, manufacturing, and sales of test interface boards
Europe	CREA - Collaudi Elettronici Automatizzati S.r.l.	Piedmont, Italy	Design, manufacturing, and sales of test equipment for power semiconductors
Southeast Asia	Advantest (M) Sdn. Bhd.	Penang, Malaysia	Manufacturing of Advantest products