



Shimadzu Corporation (TSE Prime Market: Securities code 7701)

3rd Quarter FY 2023 (Ending March 2024) Results & Financial Position

Director, Member of the Board Senior Managing Executive Officer, CFO Akira Watanabe 01

Overview of Financial Results



Summary of Q3 (Oct.-Dec.) Results

 AMI: Analytical & Measuring Instruments, MED: Medical Systems, IM: Industrial Machinery, AE: Aircraft Equipment
 AMI key models (LC: Liquid Chromatographs, MS: Mass Spectrometer Systems, GC: Gas Chromatographs), TMP: Turbomolecular Pumps

FY23

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Net Sales

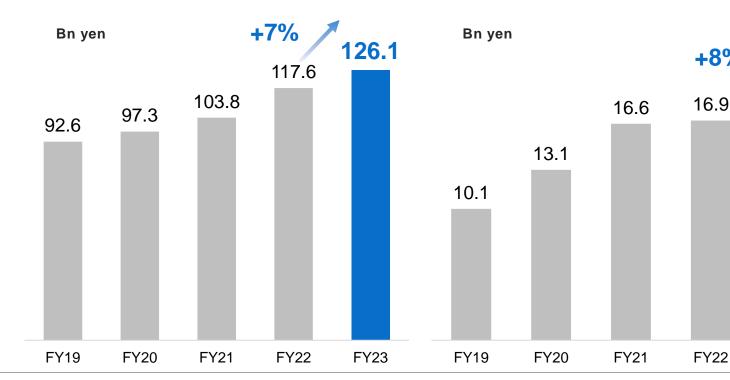
Sales hit record high for the 4th consecutive year by increase in all segments.

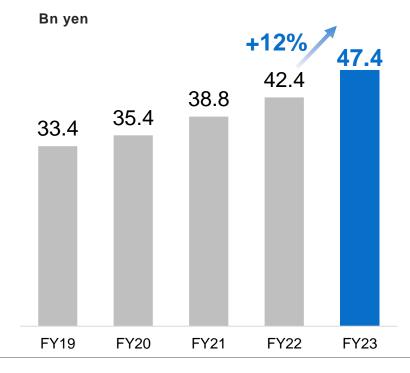
Operating Income

Despite executing 2.3 bn yen of growth investment, operating income hit record high for the 4th consecutive year by increased sales and improved AE income.

AMI Key Models

+12% YoY Achieved double-digit growth for the 4th consecutive quarters from FY2022 Q4.







Statement of Income

Net sales and operating income hit record high.

Net Sales
YoY: +8.5 bn yen / +7%

126.1 bn yen

Operating Income YoY: +1.4 bn yen / +8%

18.2bn yen

Operating Margin YoY: +0.1pt 14.5% Net Income
YoY: +1.1 bn yen / +9%
12.5 bn yen

	Units: Billions of yen	Q3 (Oc	tDec.)	YoY		
		FY2022	FY2023	Changes	%	
	Net Sales	117.6	126.1	+8.5	+7%	
Business	Operating Income	16.9	18.2	+1.4	+8%	
Results	Operating Margin	14.3%	14.5%	+0.1	pt	
Results	Ordinary Income	15.2	17.1	+1.9	+12%	
	Profit Attributable to Owners of Parent	11.4	12.5	+1.1	+9%	
Exchange	Average Rate: USD (Yen)	141.60	147.93	+6.33	+4%	
Rates	Euro (Yen)	144.33	159.17	+14.84	+10%	
	R&D Expenses	4.9	5.2	+0.3		
	CAPEX	5.3	4.3	-1.0		

Depreciation and Amortization

4.7 bn yen (4.4 bn yen in FY2022 Q3)

Exchange Rate Effect

Net Sales: 4.0 bn yen Operating Income: 1.3 bn yen

YoY Change in Operating Income (Oct.-Dec.)

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OP increased to 18.2 bn yen, up 1.4 bn yen YoY.

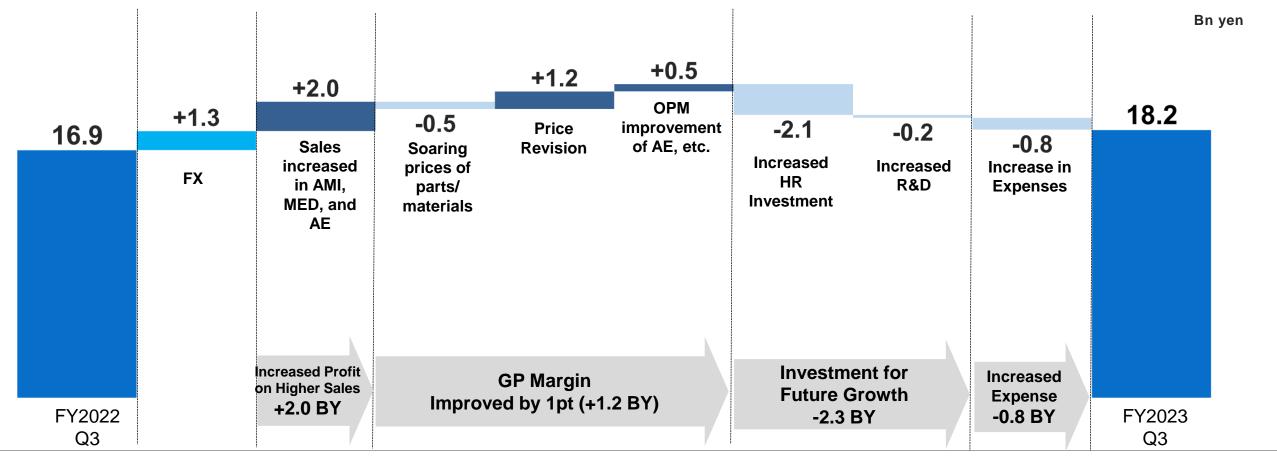
Increased Profit on Higher Sales:

GP increase by higher sales in AMI, MED, and AE

GP Margin Improved: Price revisions, OPM improvement of AE, etc.

Increased Growth Investment: Investment for future growth such as HR and R&D increased.

2.3 bn yen (OP pull)





OP decreased in 3 segments due to investment for future growth. Sales and OP significantly increased in AE.

AMI: Sales increased but income decreased

Sales: Key models increased for the Healthcare and Green domains.

profitable PCR reagents and investment for growth.

MED: Sales increased but income decreased

Sales: Our flagship product, Angiography Systems, drove well globally.

OP: Decreased with lower sales of highly- OP: Decreased due to investment for arowth.

IM: Sales increased but income remained flat

Sales: Industrial Furnaces for EV ceramic manufacturing increased.

OP: Profit of Industrial Furnaces and TMP increased, while profit of Hydraulics, etc. decreased due to higher cost of materials.

AE: Sales and income increased

Sales: Increased for both commercial aircraft and defense.

OP: Increased significantly by improved profitability in addition to higher sales.

Heiter Dillione		Net S	ales			Operating	Income	Operating Margin			
Units: Billions of yen	FY2022	FY2023	YoY		FY2022	FY2023	Y	οY	FY2022	FY2023	YoY
0. 70	Q3	Q3	Changes	%	Q3	Q3	Changes	%	Q3	Q3	Changes
AMI	78.7	83.6	+4.8	+6%	14.3	14.1	-0.1	-1%	18.2%	16.9%	-1.2pt
MED	15.8	17.3	+1.5	+9%	0.9	0.8	-0.1	-15%	5.6%	4.4%	-1.3pt
IM	15.9	16.1	+0.2	+1%	1.8	1.8	-0.0	-2%	11.6%	11.2%	-0.4pt
AE	5.8	7.7	+2.0	+34%	0.4	1.5	+1.2	+333%	6.2%	19.9%	+13.7pt
Other	1.4	1.4	+0.0	+1%	0.2	0.3	+0.1	+54%	8.5%	12.9%	+4.4pt
Adjustments	_	_	_	_	-0.7	-0.3	+0.4	_		_	_
Total	117.6	126.1	+8.5	+7%	16.9	18.2	+1.4	+8%	14.3%	14.5%	+0.1pt



02 Results by Segment



Analytical & Measuring Instruments / Net Sales by Model and Recurring Ratio

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Key Models: Increased in the Healthcare and Green domains and academia.

Other Models: Non-Destructive Testing Systems increased for the Green domain, but COVID-19-related sales significantly decreased. Recurring: Maintenance & service sales increased, but PCR reagents decreased.

Key Model Sales YoY: +5.0 bn yen/ +12%

47.4 bn yen

- LC increased in the Healthcare domain (pharma, etc.).
- MS increased for academia.
- GC increased in the Green domain.

Other Model Sales

YoY: -0.2 bn yen/ -1%

36.2 bn yen

- Non-Destructive Testing Systems increased for EV battery testing.
- COVID-19-related sales (PCR reagents and AutoAmp) significantly decreased.

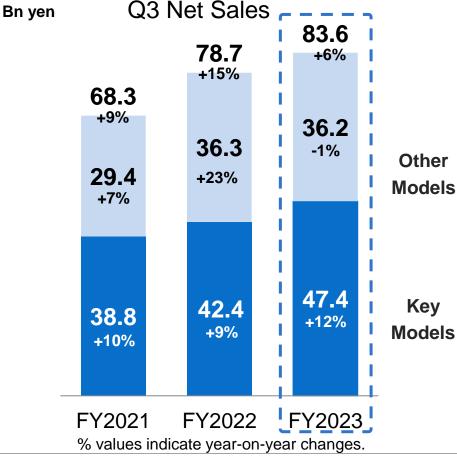
Recurring Sales Ratio
YoY: -3pt (Net Sales -0.2 bn yen)

37%

- · Maintenance & service sales increased.
- · However, PCR reagents significantly decreased.







Analytical & Measuring Instruments / Net Sales by Region

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Japan: Key models increased in the Healthcare and Green domains.

Overseas: In North America, LC for a certain major customer and MALDI for clinical decreased. In Europe, MS for academia and clinical increased.
In China, GC for new energy development and MS for clinical, etc. increased.
In Other Asian Countries (India and Southeast Asia), LC for pharma increased.

Unit FY2022 FY2023						Overview
Billions of	yen	F 1 2022	F12023	Changes	%	Overview .
	Q1	20.9	22.1	+1.1	+5%	• LC for pharma, GC for new energy development, and Non-Destructive Testing Systems for EVs increased.
Japan	Q2	29.1	32.1	+3.0	+10%	
	Q3	28.3	27.5	-0.8	-3%	 Until H1, there was an M&A effect from Shimadzu Diagnostics (formerly Nissui Pharmaceutical), which was consolidated in Sep. 2022.
	Q1	40.8	49.3	+8.4	+21%	
Overseas	Q2	50.6	55.2	+4.7	+9%	Overseas sales ratio reached 67%, up 3pt YoY.
	Q3	50.5	56.1	+5.6	+11%	
NI di	Q1	7.1	7.2	+0.1	+1%	
North America	Q2	8.7	9.1	+0.3	+4%	 LC for a certain major customer and MALDI for clinical decreased. LC for pharma and MS for PFAS testing remained solid.
Amorioa	Q3	8.0	7.7	-0.3	-4%	Lo for priaring and the for FFAc todaing fornamou cond.
	Q1	7.1	8.5	+1.4	+20%	
Europe	Q2	7.4	9.4	+2.0	+27%	 MS for academia and clinical increased. LC for pharma increased.
	Q3	9.1	11.1	+1.9	+21%	
	Q1	14.5	19.1	+4.6	+31%	• There was a reactive decline from last year's COVID-19 outbreak (lockdowns were implemented in OctNov. 2022, and in
China	Q2	21.5	20.6			Dec. 2022, installation delays occurred due to the outbreak.)
	Q3	18.6	19.8	+1.2	+6%	 GC for new energy development and MS for academia and clinical increased. LC for pharma and contract analysis decreased.
Other	Q1	8.9	10.2	+1.3	+15%	In dia (1,000) MaNa LO fan alsa mara in anno and
Asian	Q2	9.7	11.6	+1.9	+20%	 India (+32% YoY): LC for pharma increased. Southeast Asia (+18% YoY): LC for pharma increased.
Countries	Q3	11.0	13.2	+2.2	+20%	



Medical Systems / Net Sales by Model and Recurring Ratio

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X-Ray Systems: Angiography System sales increased significantly, driven by new products.

General Radiography Systems increased as our unique function has been recognized and appreciated.

X-Ray System Sales
YoY: +1.5bn yen/ +14%

12.8 bn yen

- Angiography: New products equipped Al image processing technology increased.
- Fluoroscopy: The industry's smallest new product (F4) increased.
- General Radiography: Increased as our unique power assist function has been highly recognized.

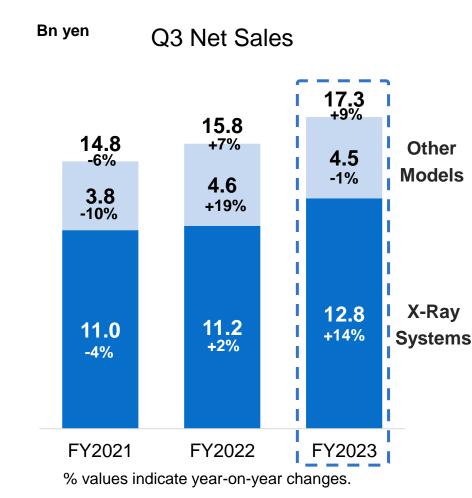
Other Model Sales
YoY: -0.0 bn yen/ -1%
4.5 bn yen

Recurring Sales Ratio
YoY: -2pt (Net Sales +0.3 bn yen)
37%

- Maintenance & service sales increased.
- Recurring sales ratio decreased due to higher system sales.







Industrial Machinery / Net Sales by Model and TMP Recurring Ratio

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TMP: Sales decreased for SPEs*, but increased for Green-related (thin-film solar cell manufacturing equipment, etc.)
Hydraulic Pumps: Sales in Japan decreased for agricultural vehicles and specially-equipped vehicles. Sales in China decreased for small construction equipment.

Others: Industrial Furnace sales increased for EV ceramic manufacturing.

TMP Sales

YoY: -0.0 bn yen/ -0%

7.8 bn yen

• TMP sales for SPEs increased by 10% Quarter-on-Quarter.

TMP Recurring Sales Ratio
YoY: +2pt (Net Sales +0.2 bn yen)

18%

 Recurring ratio increased due to the improvement in customer coverage ratio in China.

Hydraulic Equipment Sales

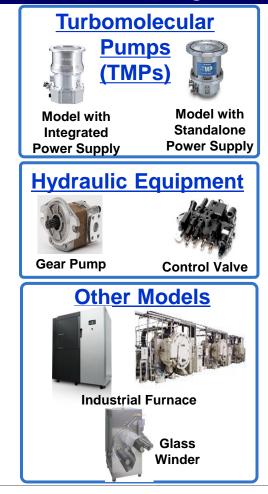
YoY: -0.2 bn yen/ -4%

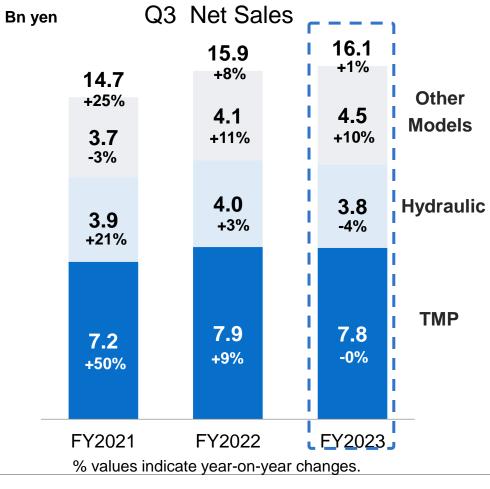
3.8 bn yen

Other Model Sales

YoY: +0.4 bn yen/ +10%

4.5 bn yen





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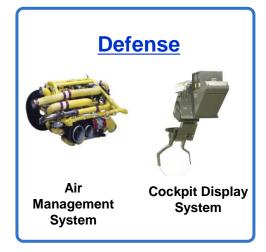
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Defense: Sales increased due to increased demand for items loaded onto aircraft. Commercial Aircraft: Sales increased due to higher spare parts sales and increased airframe production in line with increased air passenger demand, and price revision initiatives.

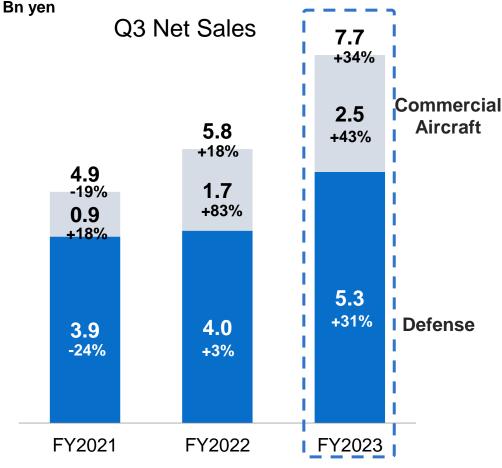
Net Sales for Defense Field YoY: +1.2 bn yen/ +31% **5.3** bn yen

 Efforts were made to stabilize sales as demand for aircraft components expanded.

Net Sales for Commercial
Aircraft Field
YoY: +0.7 bn yen/ +43%
2.5 bn yen







% values indicate year-on-year changes.



03 FY 2023 Earnings Forecast



Business Condition / AMI

Business environment in China has become more challenging. However, India and Southeast Asia have been strong and North America showed recovery. As a result, Book-to-Bill ratio in Q3 FY2023 was 1.1, almost the same as Q3 FY2022.

Q3 Orders YoY

Global	Japan	North America	Europe	China	Other Asian Countries	India (Incl. in Other Asian Countries)
+1~3%	+1~3%	+14~16%	+7~9%	(20~23%)	+14~16%	+27~29%

Book-to-Bill Ratio of Analytical & Measuring Instruments





We anticipate that the pharma and CRO sectors will take some time to recover.

Therefore, we focus on expanding our presence in growing fields such as clinical, green, and academia.



Life Science Field

Healthcare Domain

Med-Tech Field

Market Environment

Pharmaceutical and CRO: Capital investment stagnated.

Chinese traditional herbal medicine: Research is progressing as a national policy.

Chinese Pharmacopoeia: Preparation of the 2025 edition is underway.

Clinical: "Standard for Equipment Configuration in County General Hospitals" has been enacted, requiring the implementation of MS for prefectural general hospitals of a certain scale. MS demand is growing.

Shimadzu's Initiatives

- •Enhance offerings for the top 100 Chinese traditional herbal medicine companies.
- Early proposals of End-to-End solutions for the next update of Chinese Pharmacopoeia.
- Develop applications for biopharma and nucleic acid medicine.
- •Provide LCMS through OEM, partnering with Chinese reagent manufacturers. Standardize analysis using LCMS and make it a platform.



Green Domain

Lithium-ion batteries: R&D has been actively conducted and analysis demand for quality improvement is growing. **Hydrogen energy:** Instrument demand is expanding due to the construction of bydrogen stations in various locations.

construction of hydrogen stations in various locations. **Solar and wind power:** In the 14th five-year plan, the renewable energy ratio is planned to increase by 50% compared to the 13th plan.

 Solve analytical challenges from research and development to quality control through our extensive product lineup.



Academia

Academia: From 2023 to 2025, the government has implemented support programs for local educational institutions, specifically targeting vocational and technical colleges.

 Meet the diverse research needs with our extensive product lineup while also utilizing products manufactured in China.

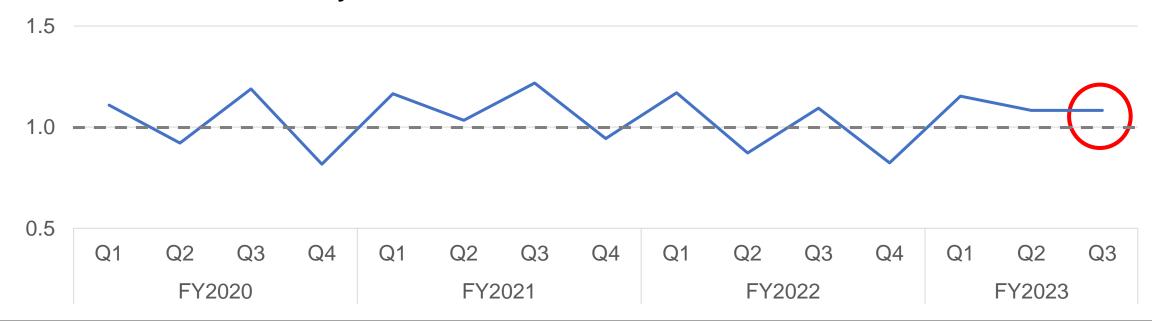
Business Condition / MED

Due to the strong performance of Angiography Systems, we increase production by 1.5 times compared to the same period last year. Orders remain robust, except in China.

Q3 Orders YoY

Global	Japan	North America	Europe	China	Other Asian Countries
+1~3%	+1~3%	+4~6%	+20~23%	(30~33%)	+30~33%

Book-to-Bill Ratio of Medical Systems





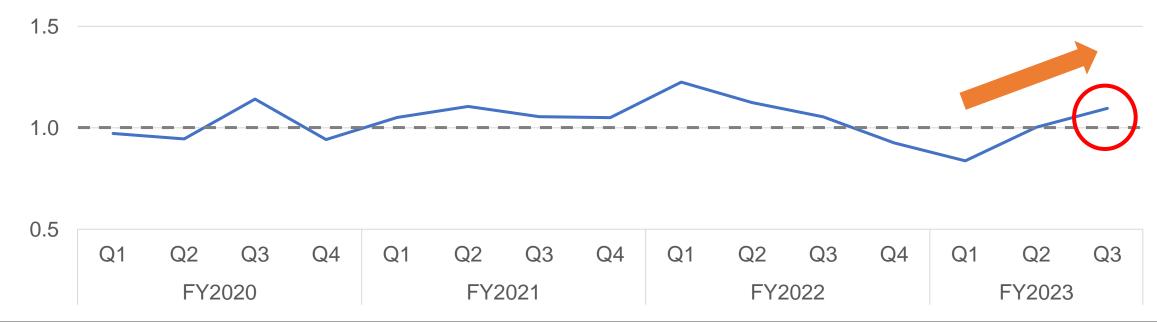
Business Condition / IM ~ TMP ~

TMP's Book-to-Bill ratio was over 1. TMP demand for SPEs is also anticipated to recover in the future.

Q3 Orders YoY

Global	Japan	North America	Europe	China	Other Asian Countries
+1~3%	(34~36%)	+24~26%	+4~6%	+44~46%	+34~36%

Book-to-Bill Ratio of TMP





Aim to achieve a new record high for the 4th consecutive year.

Net Sales YoY: +27.8 bn yen/ +6% 510.0 bn yen

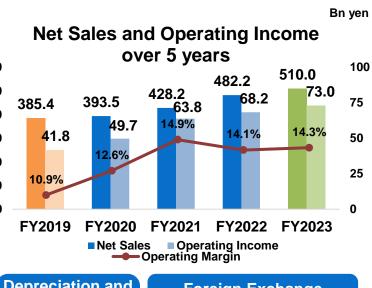
Operating Income YoY: +4.8 bn yen/ +7% **73.0** bn yen

Operating Margin YoY: +0.2pt 14.3%

Net Income YoY: +3.0 bn yen / +6% **55.0** bn yen

		Full	-Year	Yo	ρY	
	Units: Billions of yen	FY 2022	FY 2023 Forecast	Changes	%	600
	Net Sales	482.2	510.0	+27.8	+6%	_
Ducinasa	Operating Income	68.2	73.0	+4.8	+7%	400
Business Results	Operating Margin	14.1%	14.3%	+0.	2pt	300
Nesuits	Ordinary Income	70.9	74.0	+3.1	+4%	200
	Profit Attributable to Owners of Parent	52.0	55.0	+3.0	+6%	100
Exchange	Average Rate: USD (Yen)	135.51	143.00	+7.49	+6%	0
Rates	Euro (Yen)	141.02	155.00	+13.98	+10%	_
	R&D Expenses	19.0	22.0	+3.0		
	CAPEX	22.5	25.0	+2.5		

The FX rate changed to 143 yen/USD (from 138 yen/USD) and 155 yen/Euro (from 149 yen/Euro) compared to the previous guidance.



Depreciation and Amortization

Foreign Exchange Sensitivity (bn yen)

18.0 bn yen

USD EUR Net sales: 0.3 0.1

Operating income: 0.5

Aim for both sales and income growth in AMI, IM, and AE.

AMI as key business aims to set new record high for the 4th consecutive year.

AMI: Sales and income increase Record high

Sales: Increase due to higher sales of key models. Sales of Testing Machines and Non-Destructive Testing Systems for the Green domain also increase.

OP: Increase due to gross profit growth with higher sales and initiatives such as price revisions, while executing investment for growth.

MED: Sales and income decrease

Sales: Decrease due to reactionary decline in large-volume projects and the supplementary budget both in the previous year.

OP: Decrease due to lower gross profit associated with lower sales.

IM: Sales and income increase Record high

Sales: Increase driven by Industrial Furnaces for EV ceramic manufacturing and TMP for Green-related.

OP: Increase due to gross profit growth with higher sales and initiatives such as price revisions.

AE: Sales and income increase

Sales: Increase for both commercial aircraft and defense.

OP: Increase significantly by initiatives such as price revisions, in addition to higher sales.

Units:			Net Sales			Operating Income					Operating Margin				
Billions of	EV 2022	FY 2023	FY 2023	Yo	Υ	EV 2022	FY 2023	FY 2023	Yo	Υ	EV 2022	FY 2023	FY 2023	YoY	
yen	FY 2022	Previous Forecast	New Forecast	Changes	%	FY 2022	Previous Forecast	New Forecast	Changes	%	FY 2022	Previous Forecast	New Forecast	Changes	
AMI	314.7	340.0	338.0	+23.3	+7%	57.6	62.2	60.0	+2.4	+4%	18.3%	18.3%	17.8%	-0.6pt	
MED	75.9	74.0	73.0	-2.9	-4%	5.5	5.4	5.0	-0.5	-10%	7.3%	7.3%	6.8%	-0.4pt	
IM	63.0	63.0	64.0	+1.0	+2%	5.4	6.0	6.5	+1.1	+20%	8.6%	9.5%	10.2%	+1.5pt	
AE	24.0	28.0	29.0	+5.0	+21%	1.4	2.2	2.6	+1.2	+87%	5.8%	7.9%	9.0%	+3.2pt	
Other	4.7	5.0	6.0	+1.3	+27%	0.6	0.2	0.7	+0.1	+17%	8.4%	2.7%	8.2%	-0.2pt	
Adjustments	_	_	_	_	_	-2.3	-3.0	-1.8	_	_	_	_	_	_	
Total	482.2	510.0	510.0	+27.8	+6%	68.2	73.0	73.0	+4.8	+7%	14.1%	14.3%	14.3%	+0.2pt	





Actual results may differ significantly from forecasts about future performance indicated in this document, due to fluctuations in economic conditions, exchange rates, technologies, or various other external factors.

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Supplementary Materials



Statement of Income (Apr.-Dec.)

Net Sales
YoY: +26.2 bn yen / +8%
365.6 bn yen

Operating Income YoY: +5.0 bn yen / +11% **50.7** bn yen

Operating Margin YoY: +0.4pt 13.9% Profit Attributable to Owners of Parent YoY: +3.1 bn yen / +9%

39.1 bn yen

	Units: Billions of yen	9M (Ap	rDec.)	YoY		
	Office. Difficits of yell	FY 2022	FY 2023	Changes	%	
	Net Sales	339.5	365.6	+26.2	+8%	
Business	Operating Income	45.8	50.7	+5.0	+11%	
Results	Operating Margin	13.5%	13.9%	+0.4pt		
Nesults	Ordinary Income	48.3	52.9	+4.6	+10%	
	Profit Attributable to Owners of Parent	35.9	39.1	+3.1	+9%	
Exchange	Average Rate: USD (Yen)	136.54	143.33	+6.79	+5%	
Rates	Euro (Yen)	140.63	155.34	+14.71	+10%	
	R&D Expenses	13.6	15.4	+1.8		
	CAPEX	17.4	16.4	-1.0		

Depreciation and Amortization

13.9 bn yen

Exchange Rate Effect

Net sales: 11.6 bn yen Operating income: 3.9 bn yen

Sales and Income by Segment (Apr.-Dec.)

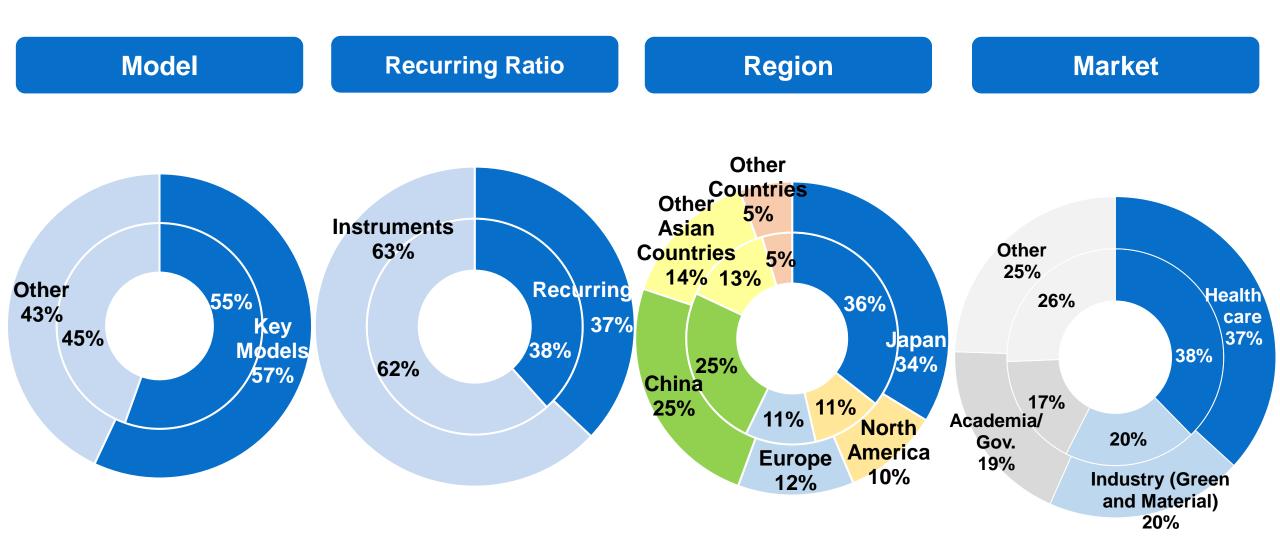
AMI: Sales and income increased Record high

MED: Sales and income decreased

IM: Sales and income increased Record high

AE: Sales and income increased

		Net S	Sales			Operatin	g Income		Operating Margin			
Units: Billions			Υ	ΌΥ			Yo	Υ			YoY	
of yen	FY2022	FY2023	Changes %		FY2022	FY2023	Changes	%	FY2022	FY2023	Changes	
AMI	220.2	242.3	+22.1	+10%	38.1	40.8	+2.6	+7%	17.3%	16.8%	-0.5pt	
MED	53.4	50.7	-2.8	-5%	3.8	2.4	-1.4	-37%	7.0%	4.7%	-2.3pt	
IM	46.3	46.9	+0.7	+1%	4.4	5.1	+0.6	+14%	9.6%	10.8%	+1.2pt	
AE	16.3	20.9	+4.7	+29%	0.7	2.9	+2.2	+328%	4.2%	13.8%	+9.7pt	
Other	3.3	4.8	+1.5	+45%	0.5	0.7	+0.2	+47%	9.0%	10.0%	+1.0pt	
Adjustments	_	_	_	_	-1.7	-1.0	+0.7	_	_	_	_	
Total	339.5	365.6	+26.2	+8%	45.8	50.7	+5.0	+11%	13.5%	13.9%	+0.4pt	



• Pie chart outer rings indicate FY 2023 results and inner rings FY 2022 results.

Key models: LC in Japan, Europe, and Other Asian Countries increased for pharma.

MS in Europe and China increased for clinical and academia.

GC increased globally for new energy development.

with EV	FY 2021						FY 2022					FY 2023		
with FX	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	
Key Models	+24%	+10%	+10%	+3%	+11%	+2%	+14%	+9%	+25%	+13%	+18%	+13%	+12%	
All	+29%	+12%	+9%	+4%	+12%	+1%	+15%	+15%	+20%	+13%	+16%	+10%	+6%	
w/o EV			FY 2021					FY 2022				FY 2023		
w/o FX	Q1	Q2	FY 2021 Q3	Q4	FY	Q1	Q2	FY 2022 Q3	Q4	FY	Q1	FY 2023 Q2	Q3	
w/o FX Key Models	Q1 +20%				FY +6%	Q1 -9%				FY -0%				

[•] Key models: Liquid Chromatographs (LC), Mass Spectrometer Systems (MS), and Gas Chromatographs (GC)

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Japan: LC for pharma and Non-Destructive Testing systems for EV battery increased. COVID-19 PCR reagents decreased. Overseas: In Europe and Other Asian Countries, sales increased, primarily driven by key models.

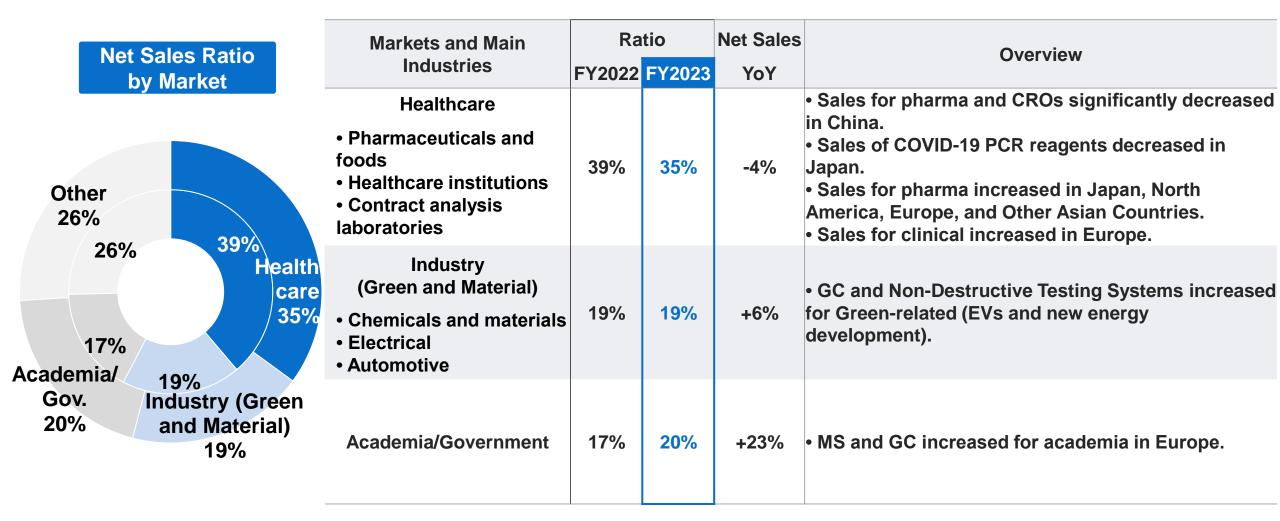
In North America, sales for a certain major customer decreased.

with FX	FY 2021							FY 2022		FY 2023			
WILLIE	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3
Japan	+26%	+12%	+4%	+3%	+9%	-3%	+4%	+15%	+8%	+7%	+5%	+10%	-3%
North America	+35%	+12%	+2%	+9%	+13%	-2%	+12%	+20%	+22%	+13%	+1%	+4%	-4%
Europe	+28%	+17%	+9%	-2%	+11%	+13%	-1%	+18%	+28%	+14%	+20%	+27%	+21%
China	+24%	+9%	+9%	-2%	+10%	-14%	+36%	+6%	+49%	+17%	+31%	-4%	+6%
Other Asian Countries	+27%	+10%	+18%	+14%	+17%	+37%	+25%	+24%	+18%	+25%	+15%	+20%	+20%
India	+4%	+3%	+4%	+12%	+6%	+50%	+22%	+26%	+8%	+23%	+27%	+14%	+32%

w/o EV			FY 2021					FY 2022				FY 2023			
w/o FX	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3		
Japan	+26%	+12%	+4%	+3%	+9%	-3%	+4%	+15%	+8%	+7%	+5%	+10%	-3%		
North America	+31%	+7%	-7%	+0%	+7%	-16%	-9%	-3%	+6%	-5%	-4%	-1%	-8%		
Europe	+15%	+11%	+4%	-4%	+5%	+8%	-8%	+7%	+19%	+6%	+11%	+13%	+10%		
China	+22%	+5%	-0%	-12%	+4%	-28%	+9%	-14%	+31%	-3%	+24%	-9%	+2%		
Other Asian Countries	+22%	+6%	+10%	+6%	+10%	+20%	+4%	+4%	+6%	+8%	+10%	+15%	+15%		
India	+2%	-0%	-3%	+3%	+0%	+27%	-2%	+2%	-6%	+2%	+20%	+9%	+26%		

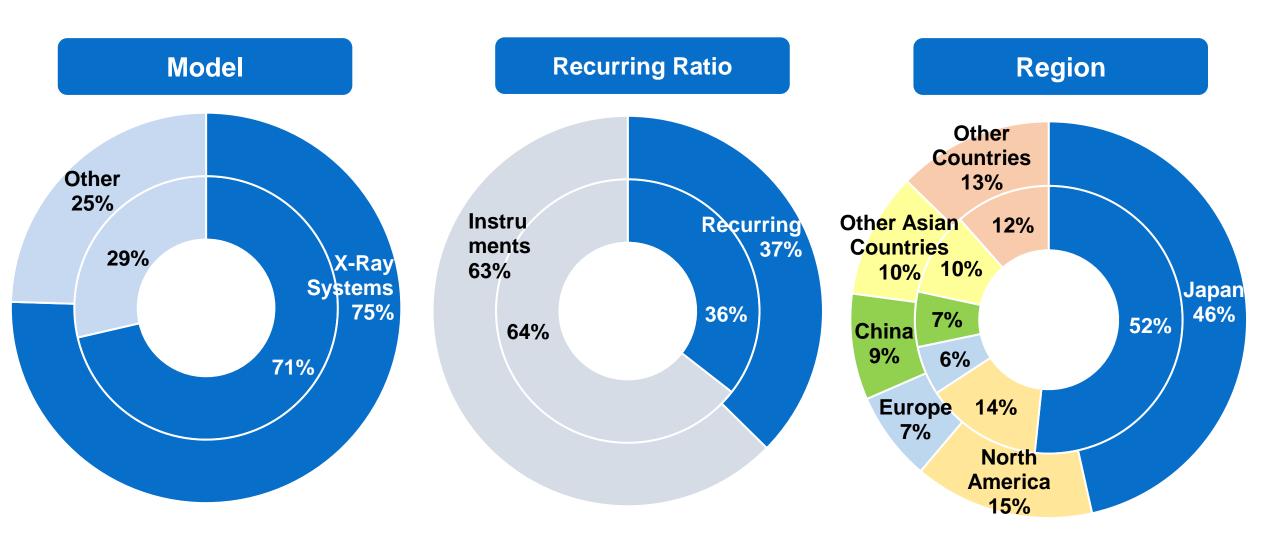
Values for India are included in Other Asian Countries.

AMI / Net Sales Ratio by Market (Oct.-Dec.)



Pie chart outer rings indicate FY 2023 results and inner rings FY 2022 results.





• Pie chart outer rings indicate FY 2023 results and inner rings FY 2022 results.



MED / Net Sales by Region

Uni		FY2022	FY2023	Yo	Υ	Overview
Billions	of yen	1 12022	1 12023	Changes	%	Over view
_	Q1	9.4	7.1	-2.3	-24%	New Angiography Systems increased.
Japan	Q2	11.1	8.8	-2.3	-20%	The industry's smallest class new Fluoscopy Systems increased.
	Q3	7.1	7.7	+0.5	+7%	- General Radiography Systems increased as our unique power assist function has been highly recognized.
	Q1	7.0	7.3	+0.2	+3%	
Overseas	Q2	10.1	10.2	+0.1	+1%	Overseas sales ratio reached 56%, up 1pt YoY.
	Q3	8.6	9.6	+1.0	+11%	
	Q1 2.1 1.7 -0.4 -18% · Angiography Systems increased.		-18%	- Angiography Systems increased.		
North America	Q2	3.0	3.3	+0.3	+11%	
	Q3	2.5	2.4	-0.0	-2%	remote-controlled type decreased.
	Q1	0.8	0.9	+0.1	+16%	
Europe	Q2	1.2	1.1	-0.1	-7%	- Angiography Systems increased in Eastern Europe.
	Q3	1.2	1.7	+0.5	+41%	
_	Q1	1.1	1.4	+0.3	+24%	
China	Q2	1.2	1.7	+0.5	+38%	Angiography Systems increased.
	Q3	1.2	1.3	+0.1	+7%	
Other	Q1	1.3	1.6	+0.3	+20%	
Asian	Q2	2.3	1.7	-0.7	-28%	- Angiography Systems increased in India and Southeast Asia.
Countries	Q3	1.8	1.9	+0.2	+10%	



MED / YoY Change in Net Sales by Region

Japan: Sales increased for all 3 X-ray Systems.

Overseas: Sales increased, primarily driven by Angiography Systems.

with FX			FY 2021		<u> </u>			FY 2022	FY 2023				
WILITIA	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3
Japan	+24%	+8%	-10%	-3%	+3%	+13%	+12%	-3%	+5%	+7%	-24%	-20%	+7%
North America	+3%	-16%	+11%	+14%	+2%	+4%	+52%	+21%	+28%	+26%	-18%	+11%	-2%
Europe	-13%	-39%	-33%	-12%	-27%	+5%	+61%	+2%	+33%	+22%	+16%	-7%	+41%
China	-25%	+3%	-11%	-10%	-11%	+12%	-12%	+5%	+23%	+6%	+24%	+38%	+7%
Other Asian Countries	+16%	+7%	+26%	-22%	+4%	+10%	+16%	+7%	+19%	+13%	+20%	-28%	+10%

w/o FX			FY 2021					FY 2022			FY 2023			
	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	
Japan	+24%	+8%	-10%	-3%	+3%	+13%	+12%	-3%	+5%	+7%	-24%	-20%	+7%	
North America	+2%	-19%	+2%	+5%	-3%	-12%	+22%	-3%	+11%	+5%	-23%	+6%	-6%	
Europe	-21%	-42%	-36%	-14%	-31%	+0%	+50%	-8%	+22%	+13%	+7%	-18%	+28%	
China	-27%	-1%	-18%	-18%	-16%	-6%	-30%	-16%	+7%	-12%	+17%	+32%	+3%	
Other Asian Countries	+15%	+5%	+18%	-28%	-0%	-2%	-4%	-11%	+7%	-3%	+14%	-31%	+6%	



IM / YoY Change in Net Sales by Model

TMP: Sales for SPEs declined but sales increased for Green-related (thin-film solar cell, etc.).

Hydraulic: Sales in Japan decreased for agricultural vehicles and specially-equipped vehicles.

Sales in China decreased for small construction equipment.

Other models: Industrial Furnace sales increased for EV ceramic manufacturing.

with FX			FY 2021					FY 2022		FY2023			
	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3
TMP	+16%	+38%	+50%	+27%	+32%	+20%	+22%	+9%	+1%	+12%	-3%	+0%	-0%
Hydraulic	+37%	+37%	+21%	+5%	+24%	-1%	+1%	+3%	+10%	+3%	+10%	+8%	-4%
Other	+33%	+32%	-3%	+18%	+17%	+17%	+12%	+11%	+24%	+16%	-2%	+2%	+10%

w/o FX			FY 2021					FY 2022		FY2023			
	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3
TMP	+13%	+35%	+44%	+22%	+28%	+11%	+11%	-1%	-6%	+3%	-7%	-4%	-4%
Hydraulic	+34%	+34%	+18%	+3%	+21%	-6%	-4%	-2%	+7%	-1%	+9%	+7%	-6%
Other	+32%	+30%	-6%	+14%	+15%	+7%	+1%	+2%	+17%	+7%	-4%	+1%	+8%



Recurring Ratio

AMI: Although maintenance & service sales increased, recurring ratio decreased due to lower COVID-19 reagents and higher instrument sales.

MED: Maintenance & service sales increased.

TMP: Recurring sales increased due to the improvement in customer coverage ratio in China.

				•						- >/				
Analytical and Measuring			FY 2021					FY 2022			FY 2023			
Instruments	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	
Recurring Sales YoY	+33%	+16%	+4%	+6%	+13%	-6%	+5%	+21%	+11%	+10%	+10%	+3%	-4%	
Recurring Ratio	38%	35%	35%	35%	36%	39%	36%	40%	33%	37%	39%	35%	37%	
Madical Customs			FY 2021					FY 2022		FY 2023				
Medical Systems	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	
Recurring Sales YoY	+14%	+9%	+2%	+1%	+6%	-2%	+3%	+0%	+3%	+3%	-3%	-7%	+1%	
Recurring Ratio	38%	35%	39%	32%	36%	36%	32%	39%	30%	34%	42%	34%	37%	
	FY 2021							FY 2022		FY 2023				
TMPs	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	
Recurring Sales YoY	+18%	+11%	+15%	+5%	+12%	-1%	-6%	+4%	-17%	-4%	-9%	-8%	+10%	
Recurring Ratio	17%	17%	15%	15%	16%	15%	14%	16%	13%	15%	15%	14%	18%	
												_		

Exchange rate effects are excluded.

