

Global Leading Company  
with **World's Best** Technology

Since **1978**

**GLOBAL  
TOP**

**LEENO**

**mirimiri** LEENO INDUSTRIAL INC.

# DISCLAIMER

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All Information about our company's financial outcome in this material were written by Korean International Financial Reporting Standards.

In addition, This material includes information about the future predictions which can be affected by known or unknown risks and uncertainties.

The Future business prospect is supposed to be check. Because, Many such factors such as market situation and business strategy will be important in determining our future results.

Up-to-date our company information is notified in our website. (<https://leeno.com>)

Feel free to contact us with any further questions

Leeno Industrial Inc.

Yongki Choi /CFO +82-51-831-3232

JinCheol Kim/ IR Manager +82-51-831-4931 [jckim@leeno.co.kr](mailto:jckim@leeno.co.kr)

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Global Leading Company  
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# I . Business Description

## 01. About 'LEENO'

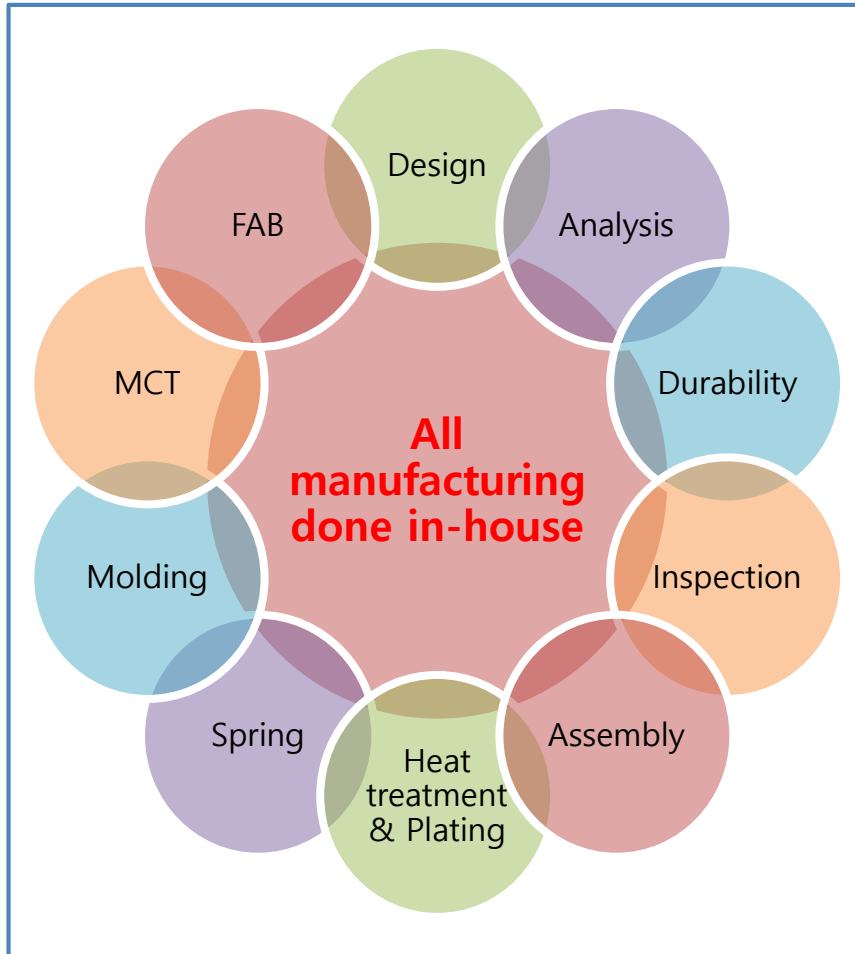
<b>Company Name</b>	Leeno Industrial Inc.	
<b>CEO</b>	Chae-Yoon, Lee	
<b>Foundation</b>	NOV 1978 (Incorporated in DEC 1996)	
<b>Business Category</b>	Manufacture Semiconductor Test Probe and Socket	
<b>Capital Stock</b>	(KRW) 7.62 Billion won ('23)	(KRW) 7.62 Billion won ('24.1Q)
<b>Revenue</b>	(KRW) 255.6 Billion won ('23)	(KRW) 54.9 Billion won ('24.1Q)
<b>Number of Employees</b>	639 persons ('23)	639 persons ('24.1Q)
<b>Head Office Location</b>	10, MIEUMSANDAN-RO 105BEON-GIL, GANGSEO-GU, BUSAN, KOREA	
<b>Homepage</b>	<a href="https://leeno.com">https://leeno.com</a>	

### [MAIN HISTORY]

- 2001.12 Listed on KOSDAQ(058470)
- 2003.10 Appointed "Prospective Exporter, Small&Medium Business"
- 2004.12 Certified by DAS for ISO 9001
- 2004.11 Received an award from Korean prime minister for excellence in regional innovation
- 2005.09 Appointed "Excellent Business" and awarded Korea Productivity Award
- 2005.11 Awarded "10 Million Dollar Export Achievement Award"
- 2006.11 Certified by DAS for ISO 14001
- 2007.01 Appointed "Technology Innovative Small and Medium Enterprise"
- 2007.07 Awarded "Grand Prize of Small and Medium Business people In Busan"
- 2010.01 Concluding a contract to supply the probe for supersonic to Siemens
- 2010.11 Awarded "20 Million Dollar Export Achievement Award"
- 2012.01 Certified ISO13485
- 2013.05 Voted World Class 300
- 2013.06 Bonus Issue
- 2013.08 Moved in to New extend Head office
- 2013.12 Awarded "30 Million Dollar Export Achievement Award"
- 2014.03 Awarded "Tin Tower Order of Industrial Service Merit"
- 2016.03 Awarded Citation in 'Taxpayer day'
- 2016.12 Awarded "50 Million Dollar Export Achievement Award"
- 2017.12 Awarded "70 Million Dollar Export Achievement Award"
- 2020.02 Completed "NOKSAN Factory" for Medical and Plating part.
- 2021.12 Awarded "100 Million Dollar Export Achievement Award"
- 2022.12 Awarded "200 Million Dollar Export Achievement Award"
- 2023.12 Certified ISO45001

# 02. Competitiveness

## World Class Manufacturing



## Consistent, Quality Products

**GERMAN CERT**  
Quality Management System Certificate

**LEENO INDUSTRIAL INC.**  
#10 Minamimaeon 10there-gil, Gangseo-gu, Busan, Korea

**ISO 9001:2015**

For the scope of:  
**Design, Development, Manufacture and Service of Spring Contact Probe/Probe Pin and IC Test Socket**

Certificate Number: ISO 14878

Initial Certification Date: 20 December 2016  
Certification Date: 13 September 2023  
Expiry Date: 12 September 2025  
Issue Date: 08 September 2022

*Deok Wook Ki*

IAS IAF

**GERMAN CERT**  
Quality Management System

**GERMAN CERT**  
Environmental Management System Certificate

**LEENO INDUSTRIAL INC.**  
#10 Minamimaeon 10there-gil, Gangseo-gu, Busan, Korea

**ISO 14001:2015**

For the scope of:  
**Design, Development and Manufacture of Spring Contact Probe/Probe Pin and IC Test Socket**

Certificate Number: GK-10165

Initial Certification Date: 20 September 2016  
Certification Date: 13 September 2023  
Expiry Date: 12 September 2025  
Issue Date: 08 September 2022

*Deok Wook Ki*

IAS IAF

**GERMAN CERT**  
Environmental Management System

**SZUTEST**

**CERTIFICATE**

Medical Devices Quality Management System  
CERTIFICATE NO. 34021001901

**LEENO INDUSTRIAL INC.**  
Head Office: 10, Minamimaeon-ro 10thbe-gil, Gangseo-gu, Busan, Republic of Korea  
Factory: 24, Minamimaeon 26-ro 23beon-gil, Gangseo-gu, Busan, Republic of Korea

**EN ISO 13485:2016**

**Development, Production & Sales of Ultrasonic Probe's Component**

Approves that the Medical Devices Quality Management System implemented for above scope.

First Issue Date: 16.01.2010  
Issue Date: 14.07.2021  
Expiry Date: 13.01.2024  
Renewal Date/No: 14.02.2023 / 4

*Deok Wook Ki*

**SZUTEST**

**bsi.**

**Certificate of Registration**

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that: **LEENO INDUSTRIAL INC.**  
10, Minamimaeon-ro 10thbeon-gil, Gangseo-gu, Busan, Republic of Korea

**ISO 45001:2018**

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:  
**The design and manufacture of spring contact probe/Probe Pin, IC test socket and ultrasonic probe's component.**

For and on behalf of BSI:  
*Michael Lam, Managing Director (Responsible - APAC)*

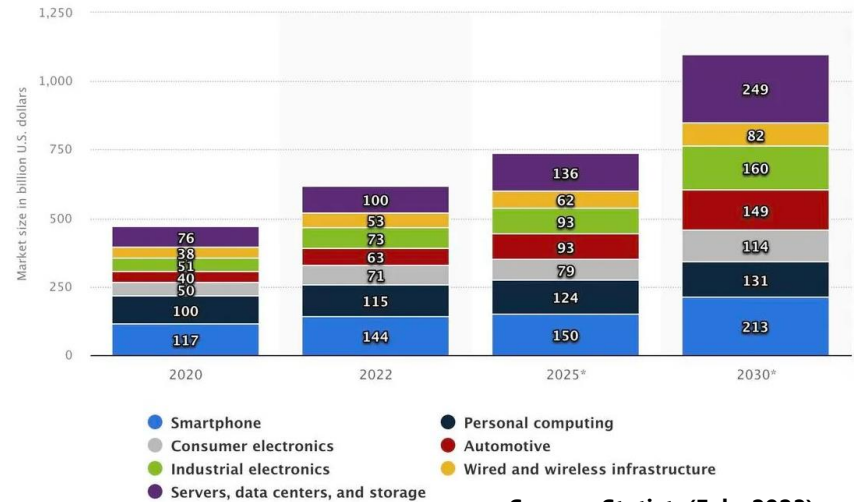
Original Registration Date: 2023-12-20  
Latest Revision Date: 2023-12-20  
Effective Date: 2023-12-20  
Expiry Date: 2026-12-19

Page: 1 of 2  
"making excellence a habit"

# 03. Major Clients



## ■ Semiconductor market size worldwide from 2020 to 2030, by application (units : billion U.S. dollars)



Source: Statista(Feb, 2023)

Semiconductor market size worldwide by application will total 1,098 billion dollars in 2030, according to Statista. In addition, smartphone(213 billion dollars), Servers & data centers & storage(249 billion dollars), Personal computing(131 billion dollars), Automotive(149 billion dollars), Industrial electronics(160 billion dollars), Consumer electronics(114 billion dollars) and Wired & wireless infrastructure(82 billion dollars) is expected to growth in 2030.

According to Current Trend and The Fourth Industrial Revolution(such as IoT, AI, 5G, VR, AR, Big-data, Metaverse, Automatic Driving & Electronic Car), As types and functions of non-memory and memory semiconductors go into The Devices is diversifying, Demands for functions and characteristics in Semiconductor testing market is increasing. LEENO will be accompanied by the growth of the new IT market, to actively participate in the needs of the semiconductor test market with LEENO PIN and IC TEST SOCKET.



# II. OUR PRODUCTS

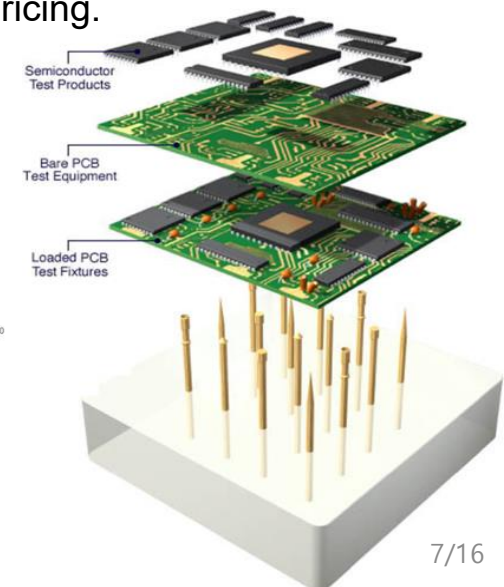
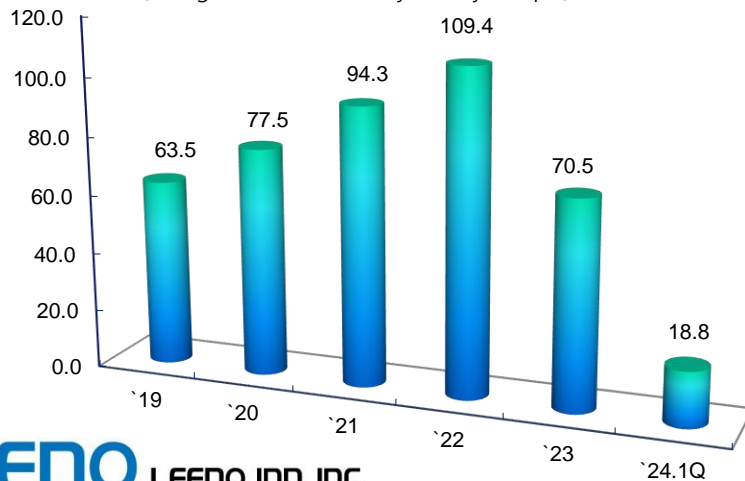
## 01. LEENO PIN

- Contact with electronic equipment and PCB circuit to check whether properly to make or not
- LEENO PIN is our own-brand as test probe pin, and about 990 companies(Based on sales of 2023) are using 'LEENO PIN'
- Recently, Along with high demand of Fine Pitch Probe with variety of electronic equipment, we are satisfied our customer's needs providing high quality and competitive pricing.

### Sales amount

LEENO PIN(with goods and secondary battery test pin)

(UNIT : KRW bil)



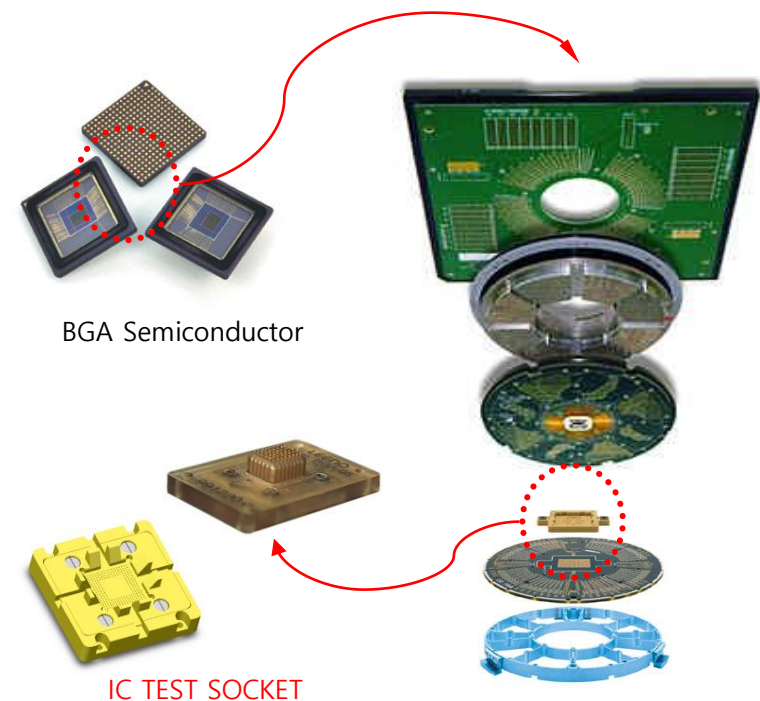
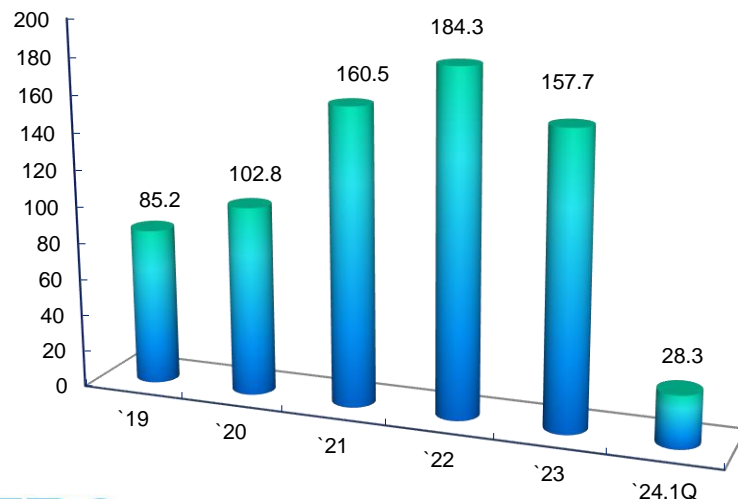
## 02. IC TEST SOCKET

- IC Test socket has been used to test memory and non-memory IC semiconductor. The purpose of this is to test electrical signal after contacting package which is located in test socket.
- Our innovative vertical type in IC test socket has been commercialized for 20 years through out developing innovative technology

### ■ Sales amount

IC TEST SOCKET(with probe card)

(UNIT : KRW bil)



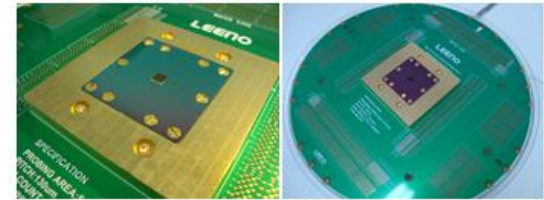


# 03. PROBE HEAD(CARD)

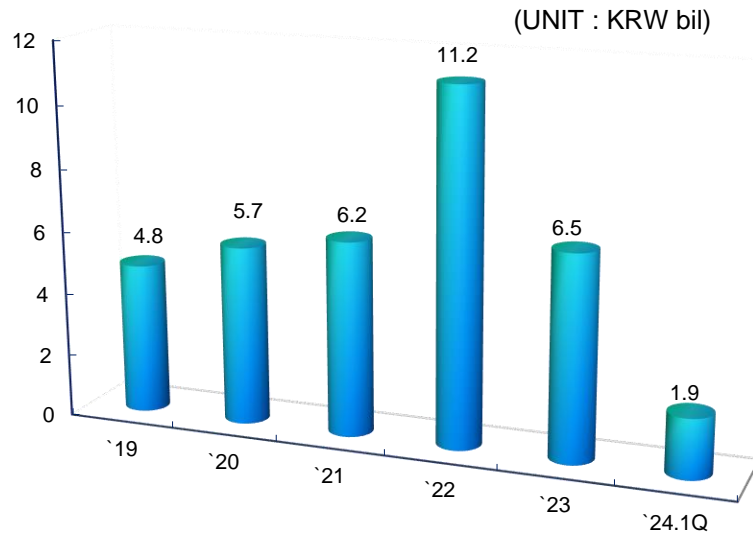
- The whole process semiconductor inspection equipment to test electrical characteristics in separated chips in wafer.
- LEENO is the best leading technology company to provide solution in competitive accelerating and evolved test market.
  - Long life Cycle
  - Quick Delivery
  - High Speed
  - Low Cost

Semiconductor whole process (FAB)

Wafer level test (LEENO PROBE CARD)



## Sales amount



## Wafer Level CSP/TSV Probe Card

150 $\mu$ m Pitch Flip Chip Quad Site Vertical Probe Card Total 13,500Pin

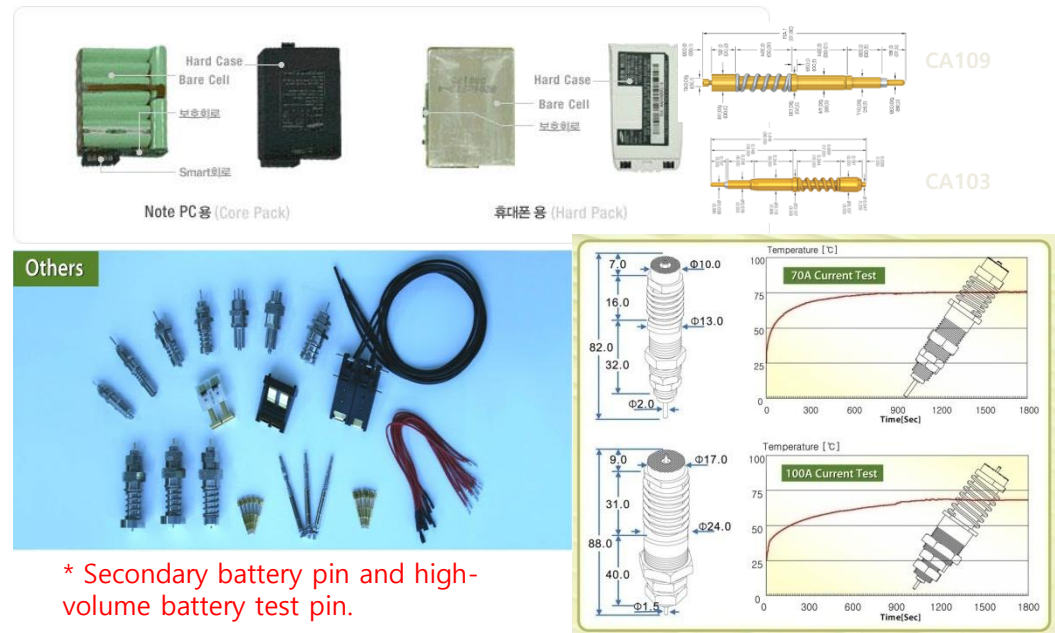
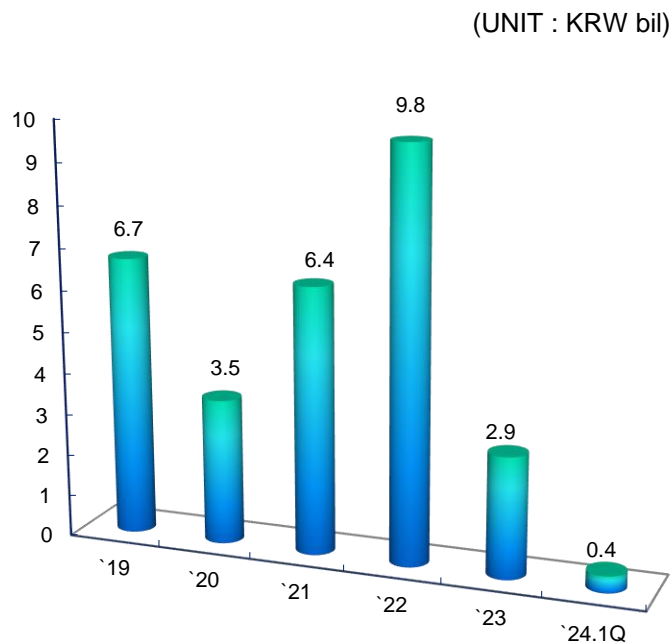
Specification	
Minimum Pitch	120 $\mu$ m
Planarity	$\leq 30\mu$ m
Probe Alignment	$\leq \pm 12\mu$ m
Scrub Mark	0~5 $\mu$ m
Tip Length	100 $\mu$ m~500 $\mu$ m $\pm 10\mu$ m Control
Temperature	-20 $^{\circ}$ C~120 $^{\circ}$ C
Probe Depth	6,900 $\mu$ m~12,000 $\mu$ m $\pm 200\mu$ m Control
Contact Resistance	$\leq 0.5\Omega$
Probe Tip Diameter	10 $\mu$ m~100 $\mu$ m Control
Pin Force	2.5g / Mil
Tip Material	Be-Cu(Au Plate) / Pd Alloy

2012" 1Q	
Pin Count	20,000pin
Minimum Pitch	120 $\mu$ m

# 04. Secondary Battery Test Pin

- The demand for secondary batteries to be used for key items in the IT sector such as portable products is expected to increase more compared with the previous year.
- LEENO manufacture high-current test pin for hybrid car to cope with active market.
- World-class technology and pin production experience in domestic market make possible for the final customer to use secondary battery safely.

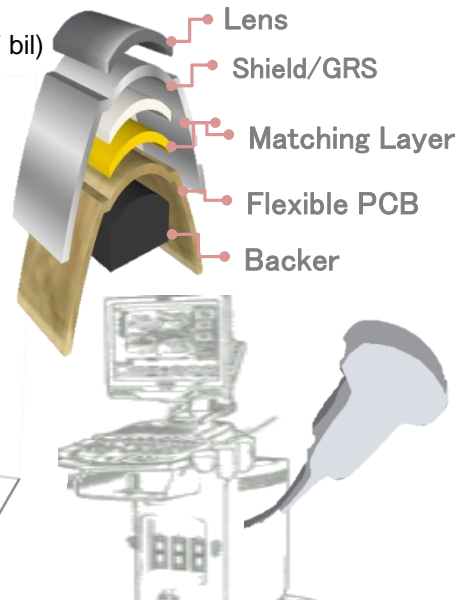
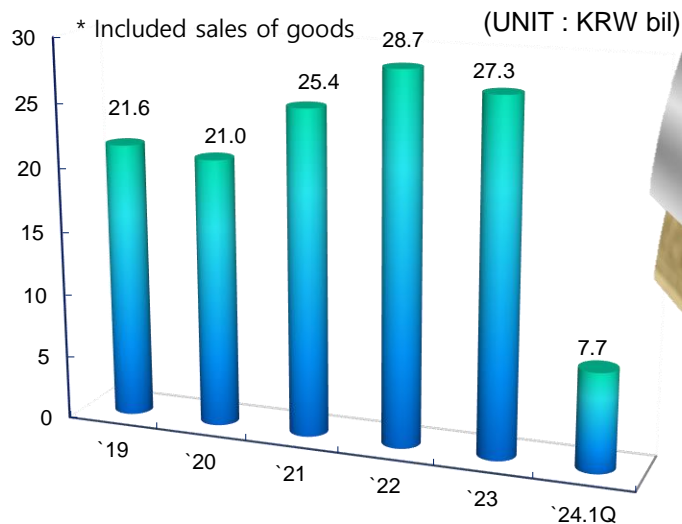
## Sales amount



# 05. Ultrasonic wave probe component

- 25<sup>th</sup> Jan, 2010 LEENO Industrial Inc. makes an agreement about supplying Ultrasonic wave probe component with SIEMENS
  - What is the 'Ultrasonic wave probe' ? : It is single unit machine of ultrasonic diagnostic imaging device which has function to generate and detect ultrasonic wave and contacted directly with human body.  
(※ Regarded as a consumable parts in ultrasonic wave diagnostic device)
- This will be a base for new growth of LEENO's new market
- Manufacture the core part of probe, developing high value

## Sales amount



### Lens

- This part is contacted with human body directly and control ultrasonic wave's direction.

### Shield

- To remove noise from ultrasonic wave probe and for electrical grounding and shielding role.

### Matching Layer

- To control and magnify ultrasonic wave's direction in the ultrasonic wave probe.

### Flexible PCB

- The component for applied and received voltage.

### Backer

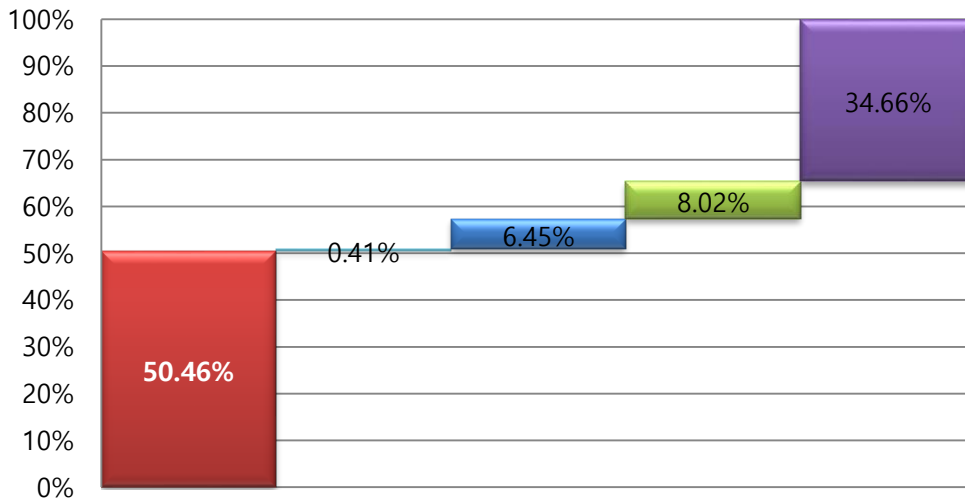
- This part absorbs the backside direction's ultrasonic wave which was generated from ultrasonic wave probe.

# III. Financial Highlight

## 01. Stock Information

- LEENO is doing our best to enhance the company's value in return for your trust and encouragement.

Total stocks: 15,242,370  
Treasury stocks : 63,250  
Capital stock :  
7,621,185,000 (KRW)



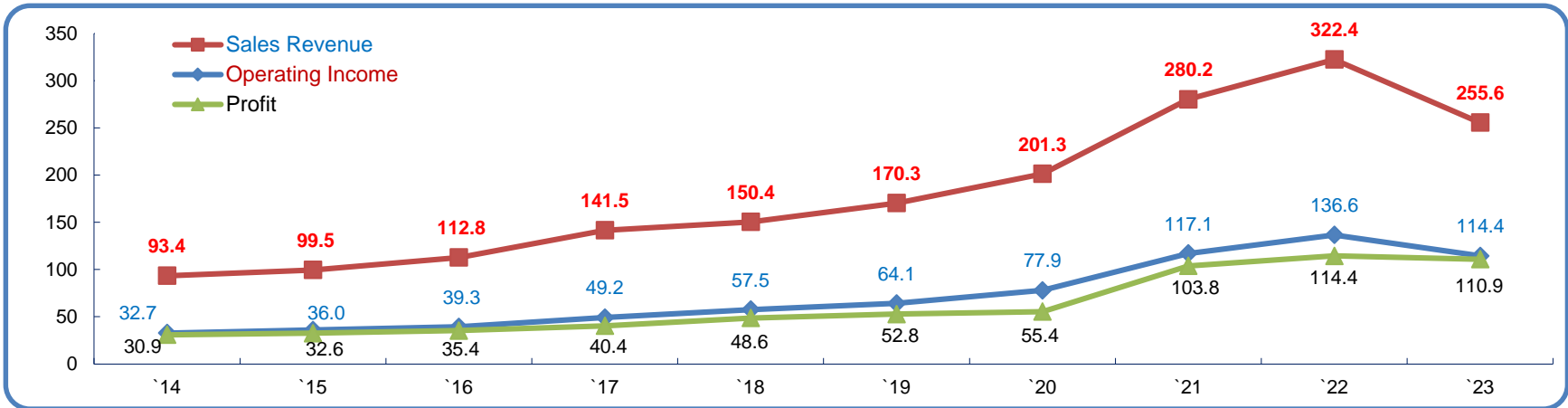
- CEO(CHAE-YOON,LEE) 5,283,669 (34.66%)
- Wasatch Advisors 1,223,169 (8.02%)
- National Pension Service 982,494주(6.45%)
- Treasury stock 63,250 (0.41%)
- Other 7,689,788 (50.46%)

- Based on Stockholding status Report by National Pension Service(At AUG 7<sup>TH</sup>, 2023), Wasatch Advisors, Inc (At JAN 10<sup>th</sup>, 2024)
- According to Treasury stock, Please find the Disclosure of Treasury stock at NOV 29<sup>th</sup>, 2019.

# 02. Year Performance

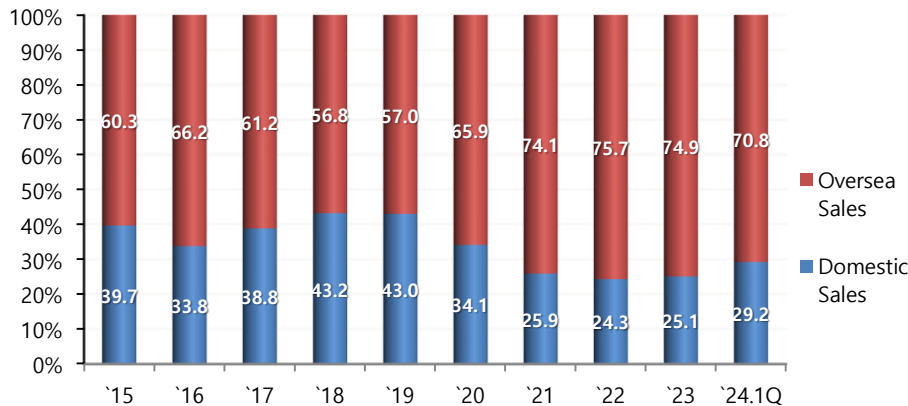
## ● Year Performance

(UNIT : KRW bil)



## ● Export Ratio

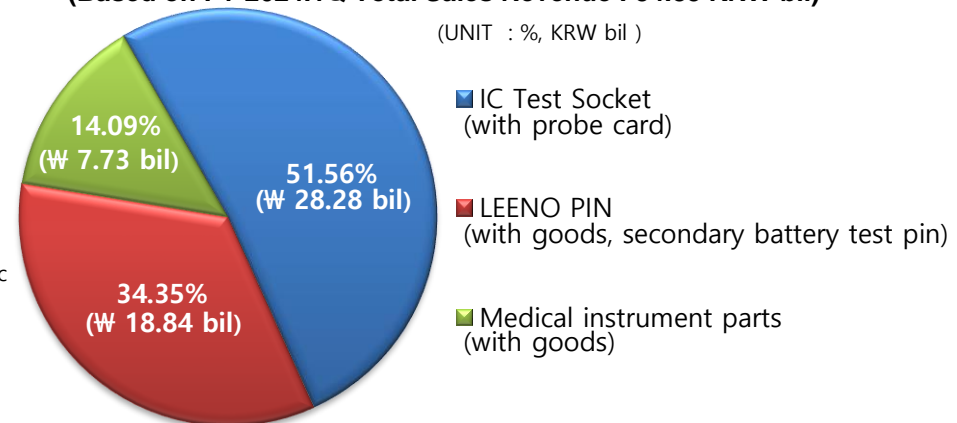
(UNIT : %)



## ● Revenue Ratio

(Based on FY 2024.1Q Total Sales Revenue : 54.85 KRW bil)

(UNIT : %, KRW bil)



# 03. Dividend

## • Dividend

(UNIT : KRW)

Date	Par value	Net income	Earning Per Share (EPS)	Dividend	Dividend yield ratio(%)	Total Dividend amount
'23	500	110,923,015,440	7,308	3,000	1.48	45,537,360,000
'22	500	114,363,791,327	7,534	3,000	1.85	45,537,360,000
'21	500	103,805,815,149	6,839	2,500	1.26	37,947,800,000
'20	500	55,378,772,170	3,648	1,500	1.14	22,768,680,000
'19	500	52,790,182,377	3,485	1,200	1.87	18,214,944,000

➤ About the Dividend in 2019~2023, Total Dividend amount for 15,179,220 stocks except Treasury stocks(63,250).

### Stable Management

- Superior Financial structure and cashable property
- No-borrow Management & Maintenance
- Increasing of operating profit & Net income
- Maintenance of profit from high added value



### Policy for Stockholders



# 04. Financial Statement

## ● Balance Sheet

(UNIT : KRW)

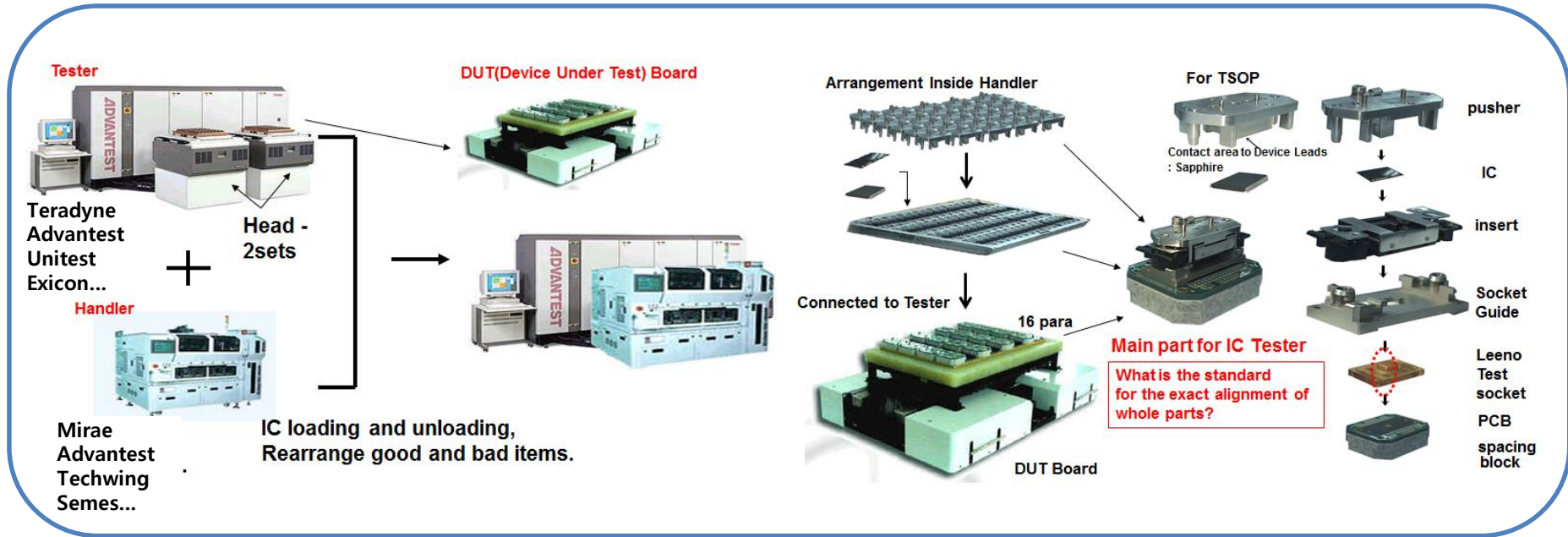
	FY 2024.1Q	FY 2023
I. Current Assets	393,977,738,842	372,372,898,847
II. Non-Current Assets	212,921,270,685	210,496,566,447
Total Assets	606,899,009,527	582,869,465,294
I. Current Liabilities	71,946,883,237	23,110,842,940
II. Non-current Liabilities	2,762,303,332	2,684,424,288
Total Liabilities	74,709,186,569	25,795,267,228
I. Issued capital	7,621,185,000	7,621,185,000
II. Capital Surplus	5,601,810,444	5,601,810,444
III. Other Capital Adjustments	(2,353,516,350)	(2,353,516,350)
IV. Retained Earnings	521,320,343,864	546,204,718,972
Total Equities	532,189,822,958	557,074,198,066
Total Equities and Liabilities	606,899,009,527	582,869,465,294

## ● Statement of comprehensive income (Accumulated)

(UNIT : KRW)

	FY 2024.1Q	FY 2023.1Q	FY 2023
I. Revenue (Sales)	54,852,145,711	49,091,082,613	255,573,034,656
II. Cost of sales	28,530,350,532	29,656,943,304	127,238,409,519
III. Gross Profit	26,321,795,179	19,434,139,309	128,334,625,137
IV. Selling General Administrative Expenses	3,019,643,001	2,171,569,889	13,956,224,846
V. Operating Income	23,302,152,178	17,262,569,420	114,378,400,291
VI. Non-operating Income	3,642,474,133	3,025,315,419	27,865,067,804
VII. Profit before tax	26,944,626,311	20,287,884,839	142,243,468,095
VIII. Income tax expense	6,342,026,685	4,558,563,877	31,320,452,655
IX. Profit	20,602,599,626	15,729,320,962	110,923,015,440
X. Other comprehensive Income	50,385,266	12,958,710	(1,495,040,200)
XI. Total comprehensive Income	20,652,984,892	15,742,279,672	109,427,975,240
XII. Basic Earnings per share	1,357	1,036	7,308

# APPENDIX



# THANK YOU

**LEENO**  
**LEENO IND. INC.**