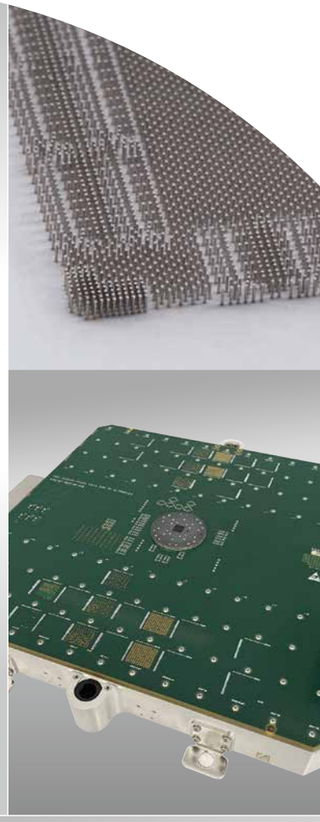
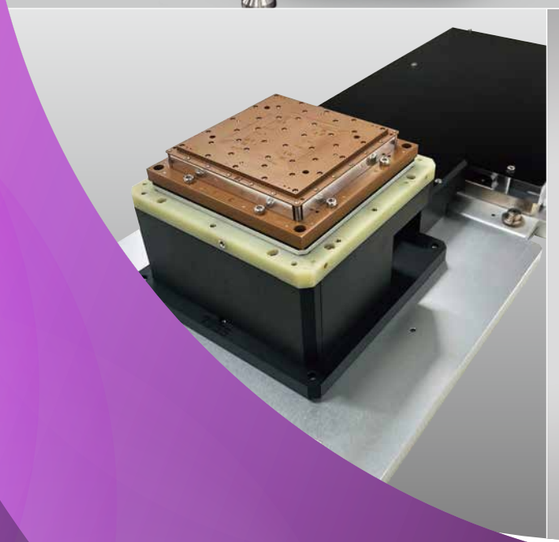
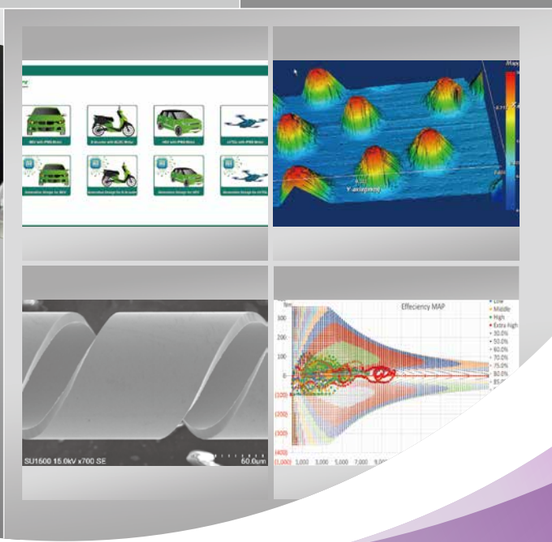
Nidec
All for dreams

NIDEC ADVANCE TECHNOLOGY CORPORATION
CORPORATE PROFILE







Nidec
All for dreams

NIDEC ADVANCE TECHNOLOGY CORPORATION

■Headquarters

Nidec PARK Bldg. C, 1-1 Higashinokuchi, Morimoto-cho, Muko-shi, Kyoto, 617-0003, Japan
TEL +81-75-280-8100
https://www.nidec.com/jp/nidec-advancetechnology/

250801

Innovating for the future

Create Solutions,Better life

【Corporate Philosophies】

Policy

The aim of Nidec Corporation is to contribute to the development of society and the welfare of the general public around the world. Nidec aims to do so by supplying the highest quality products. Our company is sincerely and enthusiastically dedicated to the trinity of technology, skillfulness, and modern science. Thereby, Nidec strives to promote the prosperity of our society, our company, and all our employees.

Mission

We contribute to the Earth by producing the highest quality motors in the world.

All Nidec employees work to the very best of their ability to send motors into the world. It is with these motors and other products we make that we solve various issues such as the conservation of the global environment, and contribute to making better lives for people all over the world.

Vision

- Nidec is a global company that grows sustainably for the next 100 years and beyond.
- Nidec is the world's leading solution-providing business group that solves numerous problems for the people in the world.

Value

- "Nidec Way"　"The Challenging Road"
  - Three Corporate Policies: "Passion, Enthusiasm, and Tenacity," "Work smart," and "Do your work now; do it without hesitation; do it until completed."
  - "Creativity," "Respect," "Collaboration," "Integrity," "Decision Making," "Team Building," and "Grow Talent."

Discipline & Code

- 3Q6S
- Seven Articles of Nidec Employees, 3Ps (Be proactive, productive, and professional), and eliminating six bad habits
- Three Management Principles　Three Basic Management Philosophies
- Three Management Methods　Three Management Attitudes　Three Conditions for Success
- CSR Charter (social responsibility, respect for diversity, etc.)

One Nidec

Corporate Slogan

All for dreams

Nidec Corporation announced the launch of a new corporate statement "All for dreams" codifying the core values Nidec adheres to and seeks to share with its stakeholders.

Message from Nidec

NIDEC CORPORATION
Representative Director and President CEO

Mitsuya Kishida

Based on the core technologies for "things that spin and move" that were nurtured since its foundation, the Nidec Group has advanced three technological axes, including "thermal management" and "electricity generation, electricity storage, electricity charging, and electricity transformation." Now, Nidec utilizes these technologies to advocate five pillars of businesses, i.e.: "cooling and electricity-conversion technologies to support AI society," "renewable energies-based electricity supply system," "robot reducers and machine tools to improve industrial efficiency," "smart appliances and air-conditioning units to enhance the quality of life," and "next-generation mobility to facilitate electrification and automation."
Guided by our "Made in Market" policy, our global production bases are committed to providing the high quality, short lead times, and comprehensive services that our customers need to succeed.
We aim to create a sustainable society via redoubled efforts and innovations, and by constantly taking on challenges as One Nidec.
Your continued support – which will be vital for our success – would be truly appreciated.

Message from Nidec Advance Technology

Chairman and Vice President

Michio Kaida

President & CEO

Hidekazu Yamazaki

Since our establishment as "Read Electronics," we have refined our measurement and inspection technologies for electronic devices and supported manufacturing sites under the concept of "Reading Electronics, Reading the Times." Since joining the Nidec Group in 1997, we have expanded our production bases and utilized M&A to develop new measurement and inspection solutions. Today, we operate at 18 locations in 11 countries worldwide.
As the technological standards of our society grow more sophisticated each year,the function, performance, and quantity of electronic devices continue to increase.
These devices need their performance ensured. As a provider of measurement and inspection solutions, we are committed to refining our technology to become the industry's "De-facto Standard.
We greatly appreciate your continued support and look forward to innovating with you.

Our "De-facto standard" measurement and inspection technologies are trusted globally.

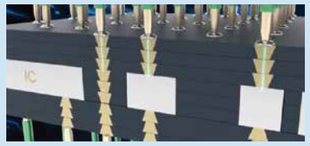
De-facto Standard

OUR MISSION

As technology evolves and society thrives,
the electronic devices we rely on have become commonplace.
At Nidec Advance Technology, we use our measurement and inspection technologies
to ensure these devices function flawlessly.
We contribute to a better quality of life through our core inspection technologies.

Electrical inspection

GATS Series



The GATS Series is an electrical inspection equipment for semiconductor package substrates.
In addition to OPEN/SHORT/LEAK tests, it can also perform various types of substrates such as embedded IC and LCR.

Continuity and Insulation test

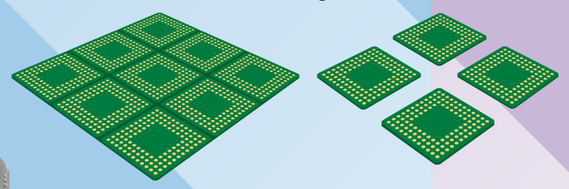
Bump Inspection

Optical inspection

RSH Series

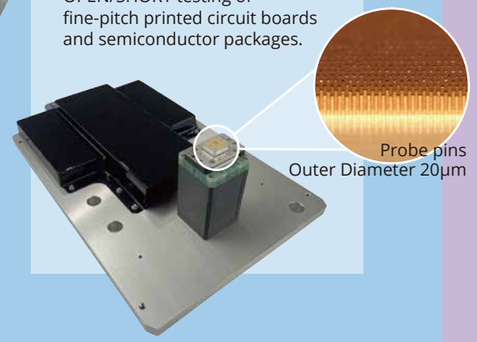
RSH Series is an optical inspection equipment to detect bumps on substrates by using laser triangulation technique. It provides high-speed, high-precision 3D, 2D, and SD simultaneous measurements. Warpage inspection is also possible.

Semiconductor Package Substrates



Electrical inspection fixture

Our high precision inspection fixture can handle probes with a minimum diameter of 15μm.
It provides strong support for OPEN/SHORT testing of fine-pitch printed circuit boards and semiconductor packages.



Probe pins
Outer Diameter 20μm

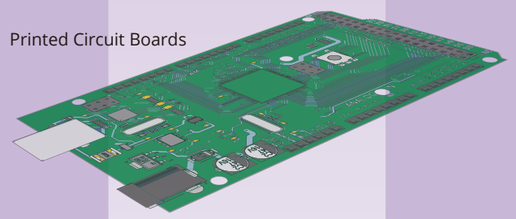
Electrical inspection

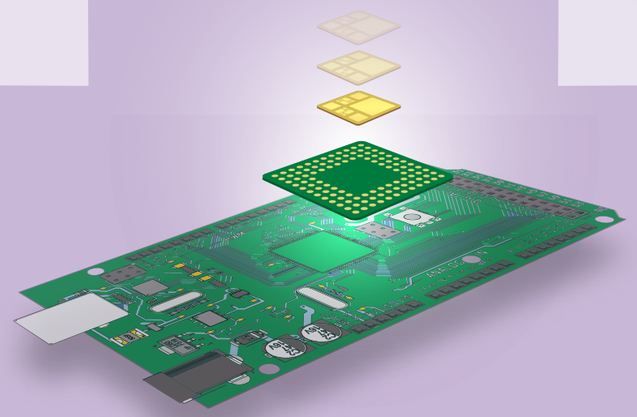
STAR REC Series

The STAR REC Series is an electrical inspection equipment for Printed Circuit Board(PCBs) and Flexible Printed Circuit Board(FPCs). It offers flexible support for different types, sizes, and pin counts of inspection targets.

Continuity and Insulation test

Printed Circuit Boards

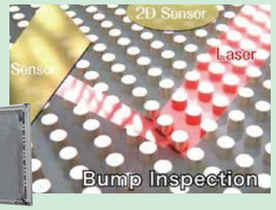


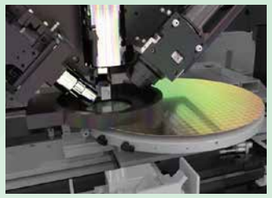


Optical inspection

RWi Series

The RWi Series is an optical inspection equipment to detect bumps on wafers by using laser triangulation technique. It provides high-speed, high-precision 3D, 2D, and SD simultaneous measurements.

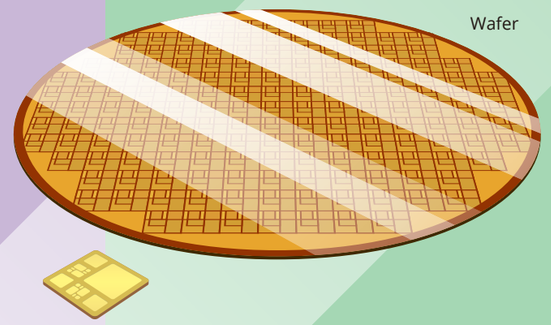




Bump Inspection

Function Inspection

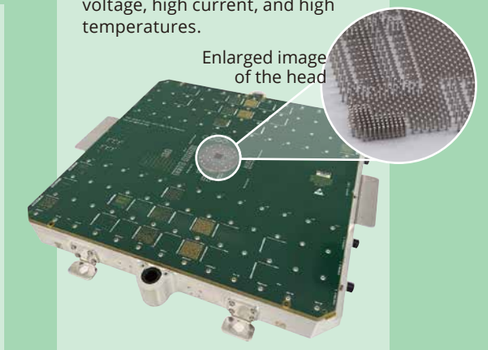
Wafer



PROBE CARD

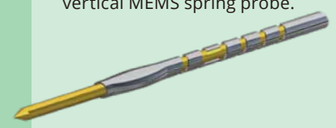
A probe card is a fixture used for electrical inspection of ICs on a wafer. It is designed to handle high-precision chips and measure high-frequency signals. We also offer models for power semiconductors that can perform accurate inspections under high voltage, high current, and high temperatures.

Enlarged image of the head



MEMS SPRING PROBE

Our unique patented technology enables the production of the world's smallest class springs. By combining them with a micro plunger, we have developed a vertical MEMS spring probe.



KGD Test AC DC Test

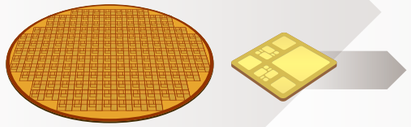
DBC Test AC DC Test

Final Test ISO AC DC Rth Test

System Level Test Reference Inverter & Simulator

Final Products EVs, eVTOLs, motorcycles, trains, marine vessels

Frontend
Wafer/Die



Backend
Attach Sinter/Solder Wire/Clip Mold

System
Integrate

NATS Series

Inspection equipment for IGBT/SiC/GaN power modules.
Compatible with all kinds of tests,
including KGD and DBC tests.

NATS-1000

Automated in-line test system for isolation and static test in normal temperature, and static test and dynamic test in high temperature. Equipped with a heating and cooling chamber, it is capable of maintaining performance at a maximum temperature of 175°C.

NATS-1720/1730

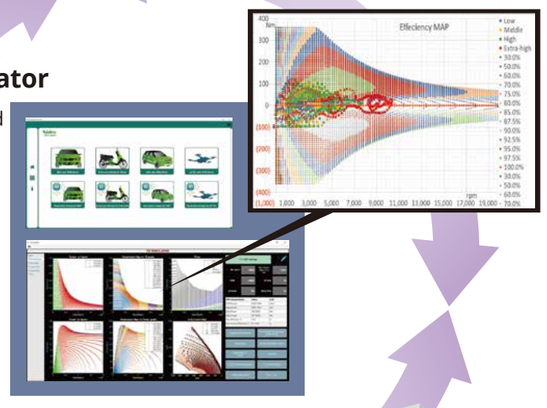
A manual system for research and development. It can be integrated with other test processes as a consistent line for mass production.

Motor Test Bench

A test system is designed for performance evaluation testing of EV/HEV motors and E-Axles. It conducts high-performance evaluation tests by selecting from a wide range of parameters, such as current, voltage, and rotational speed. The system's automation function also helps reduce costs by minimizing labor and cutting power consumption.

E-Transport Simulator

A simulation software used in design and analysis of electric vehicles.
It proposes motors and components that are suitable for the vehicle's conditions and driving environment, thereby reducing testing time and streamlining the analysis of differences with actual measurements.



Reference Inverter / Motor Emulator

An inverter system can drive various motors, such as those used in xEVs and industrial applications. It is equipped with a wide range of control functions for current, torque and speed, allowing for efficient motor testing. We also offer motor testing services and can design and build custom motor systems.

Device Test

- Touch panel
- OLED
- Gyro sensor
- Acceleration sensor
- MEMS microphone
- Ceramic capacitor etc.

AC/DC MULTI TESTER
R-700 Series

- Ultra-high insulation
- High speed High precision
- Micro-Capacity Inspection High resolution
- 4-wire resistance measurement 0.1mΩ~
- Maximum test points 512 pins
- Compact design

Our global network of development, production, and sales bases works seamlessly to precisely address the needs of each local market.

NIDEC ADVANCE TECHNOLOGY CORPORATION (Headquarters/Factory)

NIDEC ADVANCE TECHNOLOGY TAIWAN CORPORATION

NIDEC ADVANCE TECHNOLOGY (THAILAND) CO., LTD.

NIDEC ADVANCE TECHNOLOGY VIETNAM CO., LTD.

NIDEC SV PROBE VIETNAM CO., LTD.

NIDEC ADVANCE TECHNOLOGY KOREA CO., LTD.

NIDEC ADVANCE TECHNOLOGY ZHEJIANG CORPORATION

● Nidec Advance Technology Group
● Nidec SV Probe Group

CORPORATE DIRECTORY

Overview

Foundation

November 25. 1991

Business

1. Semiconductor Package Inspection Systems
2. Printed Circuit Board Inspection Systems
3. Inspection Fixtures
4. Optical Vision Inspection Systems
5. Flat Panel Display Inspection Systems
6. Automatic Measurement Equipment, Specific Application Machines Development/ design, manufacturing, and sales of software/ hardware relating to the products above

Capital

938 million yen (as of March 31, 2025)

Shareholder

NIDEC CORPORATION (100%)

History

1991	Nov.	Read Electronics (Currently Nidec Advance Technology Corporation) founded.
1997	Mar.	Shimpo Industrial Corp. (Currently Nidec Drive Technology) acquires a stake in Read Electronics.
	Apr.	Nidec Corporation acquires a stake in Read Electronics.
	Oct.	Corporate name changed to NIDEC-READ CORPORATION.
2000	Jul.	NIDEC-READ TAIWAN CORPORATION (Currently Nidec Advance Technology Taiwan Corporation) established.
	Aug.	NIDEC-READ shares listed on the second section of the Osaka Securities Exchange.
2002	Mar.	NIDEC-READ joined 5 other Nidec group companies to establish Nidec System Engineering (Zhejiang) Corporation, in Pinghu, Zhejing Province, China.
2003	Aug.	Corporate Headquarters moved to Ukyo-ku, Kyoto.
	Sep.	NIDEC-READ acquires a stake in Advance Korea Corporation (Currently Nidec Advance Technology Korea Co., Ltd.).
2004	Mar.	Nidec-Read (Shanghai) International Trading Co., Ltd. established.
2009	Feb.	NIDEC-READ acquires a stake in LuzCom Inc. (Currently Nidec Advance Probe Corp.) .
	Apr.	NIDEC-READ (ZHEJIANG) CORP. (Currently Nidec Advance Technology Zhejiang Corp.) established by spinning off operations from Nidec-system Engineering (Zhejiang) Corp.
	Sep.	NIDEC-READ (THAILAND) CO., LTD. (Currently Nidec Advance Technology (Thailand) Co., Ltd.) established.
2011	Jul.	SHANGHAI BRANCH OF NIDEC-READ (ZHEJIANG) established by merger of Nidec-Read (Shanghai) International Trading Co., Ltd. to NIDEC-READ (ZHEJIANG) .
2012	Jul.	NIDEC-READ INSPECTION CANADA CORPORATION (Currently Nidec Advance Technology Canada Corporation) established.
2013	Jul.	After Tokyo and Osaka Securities Exchange were united as of 16 July 2013. NIDEC-READ is listed on the second section of Tokyo Securities Exchange.
2014	Oct.	NIDEC-READ becomes Nidec Corporation's wholly owned subsidiary through a share exchange
2017	Oct.	NIDEC-READ acquires a stake in SV Probe Pte. Ltd.(Currently Nidec SV Probe Pte. Ltd.).
2022	Aug.	Corporate Headquarters moved to Muko-Shi, Kyoto. Nidec Advance Technology Malaysia Sdn. Bhd. established.
2023	Mar.	Nidec Advance Technology Vietnam Co., Ltd. established.
	Apr.	Corporate name changed to NIDEC ADVANCE TECHNOLOGY CORPORATION.
2024	Jun.	Nidec Advance Technology India Private Limited established.

NETWORK

■ JAPAN

1. NIDEC ADVANCE TECHNOLOGY CORPORATION(Headquarters/Factory)
   Nidec Advance Probe Corporation(Headquarters)
2. Tokyo Sales Office
3. Nagoya Sales Office
4. Nidec Advance Probe Corporation(Kyusyu Factory)
5. Nidec SV Probe Corporation(Tokyo)
6. Nidec SV Probe Electronics Corporation(Hokkaido)

■ TAIWAN

7. Nidec Advance Technology Taiwan Corporation
   Taoyuan city

■ SOUTH KOREA

8. Nidec Advance Technology Korea Co., Ltd.
   Seoul/Cheongju

■ CHINA

9. Nidec Advance Technology Zhejiang Corporation
   Pinghu, Zhejiang
10. NIDEC SV PROBE SUZHOU CO., LTD.
    Suzhou, Jiangsu

■ THAILAND

11. NIDEC ADVANCE TECHNOLOGY THAILAND CO., LTD.
    Chachoengsao

■ MALAYSIA

12. NIDEC ADVANCE TECHNOLOGY MALAYSIA SDN. BHD.
    Kulim, Kedah

■ VIETNAM

13. NIDEC ADVANCE TECHNOLOGY VIETNAM CO., LTD.
    Vinh Phuc Province
14. NIDEC SV PROBE VIETNAM CO., LTD.
    Binh Duong province

■ SINGAPORE

15. NIDEC SV PROBE PTE. LTD.
    Singapore

■ INDIA

16. NIDEC ADVANCE TECHNOLOGY INDIA PRIVATE LIMITED
    Bengaluru

■ CANADA

17. NIDEC ADVANCE TECHNOLOGY CANADA CORPORATION
    Saint-Laurent, Quebec

■ US

18. NIDEC SV PROBE INC.
    Tempe, Arizona