

News Release

FOR IMMEDIATE RELEASE

Opened the new demonstration and collaboration base "Advanced-Technology Innovation Center Naka"

To promote integrated solution developments in electron microscope and probe microscope related businesses by strengthened collaborations with customers



Advanced-Technology Innovation Center NAKA



Opening Ceremony

Tokyo, May 31, 2022 – Hitachi High-Tech Corporation (Hitachi High-Tech) today announced the opening of its new demonstration and collaboration base “Advanced-Technology Innovation Center Naka (ACN)” in the city of Hitachinaka, Ibaraki Prefecture. This facility will function as a site to demonstrate above mentioned products to customers and to initiate and to promote the development of new solutions for analytical system products via collaborative activities at the closer location to its design and development base.

The analytical system products such as electron microscopes and probe microscopes are used for structural understandings, dimension measurements, elemental analyses, and physical property evaluations in various phases from research and development to quality control in a wide range of industrial and also scientific fields such as semiconductors, materials, or life sciences.

Especially in recent years, demands for integrated analytical data of plural aspects acquired with various instruments are increasing to elucidate structures and properties of the specimen in multi-scale from centimeters to nanometers under the situation of intensive competitions for realization of the carbon neutral or for research and development of the 5G products.

In order to provide prompt solutions for such demands, demonstration bases that had been operated in Hitachinaka, Ibaraki Prefecture and the city of Kawasaki, Kanagawa Prefecture were moved to concentrate into the new demonstration base with all the product categories equipped. Moreover, the ACN was established in Hitachinaka area adjacent to the design and development base as a collaboration center for closer cooperation with domestic and overseas customers. The ACN personnel will create novel analytical and metrological solutions in the fields of "semiconductors", "environment", and "safety and security" together with Hitachi High-Tech's design, development, and manufacturing teams.

In the ACN, demonstrations of the products and operation trainings for customers are performed. Continuous improvements of the customer's convenience by strengthening remote support capabilities in line will be sought, considering the new work style “After COVID-19”.

From the opening of the ACN this time, Hitachi High-Tech will swiftly deliver integrated solutions developed from deepened its group's core technologies: "Observation, Measurement, and Analysis", as one of the important activities of Hitachi's Lumada, to contribute customer's

advancements and growths in cutting-edge fields by these solutions and to aim further enhancements of customer satisfaction and its business enhancement.

Outline of ACN

- 1) Established: May 26, 2022
- 2) Address: 882, Ichige, Hitachinaka, Ibaraki Prefecture
- 3) Installed products :
 - Field Emission Transmission Electron Microscope (FE-TEM),
 - Transmission Electron Microscope (TEM),
 - Field Emission Scanning Electron Microscope (FE-SEM),
 - Scanning Electron Microscope (SEM), Tabletop Microscope Miniscope®,
 - Focused Ion Beam System (FIB/FIB-SEM),
 - Scanning Probe Microscope (SPM/AFM),
 - Nano 3D Optical Interferometer (CSI)
 - Sample Preparation Instrument
- 4) Total floor area: approx. 1,620m²

Website on electron microscope and analytical instrument

<https://www.hitachi-hightech.com/global/science/>

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About Hitachi High-Tech

Hitachi High-Tech, headquartered in Tokyo, Japan, is engaged in activities in a broad range of fields, including manufacture and sales of clinical analyzers, biotechnology products, and analytical instruments, semiconductor manufacturing equipment and analysis equipment. and providing high value-added solutions in fields of social & industrial infrastructures and mobility, etc. The company's consolidated revenues for FY 2021 were approx. JPY 576.8 billion [USD 5.1 billion]. For further information, visit <http://www.hitachi-hightech.com/global/>

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