



Technology Enabling Life

Since the start of operations at the main plant in Taiwa-cho in October 2011, Tokyo Electron Miyagi has grown to offer state-of-the-art manufacturing capabilities to its customers, practicing the Tokyo Electron Group's corporate philosophy of "contributing to the development of a dream-inspiring society through our leading-edge technologies and reliable service and support."

Applications of digital technology and innovations in semiconductors are evolving rapidly. Tokyo Electron Miyagi is thriving in the development and production of etch systems, and the market is expected to grow significantly in the future as innovation continues with the advancement of semiconductor microfabrication technology.

In celebration of our 15th anniversary this year, we announced the completion of our third development building and the start of construction of the Miyagi Innovative Production Center. Our goal is to become the world's number one semiconductor production equipment factory. To achieve this, we will continue to invest in our future growth, striving for clear excellence in the development and production of our equipment and providing exceptional customer services.

As part of our mission to create and maximize customer value, we care for people and the earth and remain committed to technological advancement, constantly striving to strengthen our core technology and develop cutting-edge technologies. We also combine the TEL Group's unique and competitive technologies by harnessing the power of organic collaboration with our trusted partners as well as conducting joint research with consortiums and academic institutions. With the support and cooperation of our stakeholders, all of us at Tokyo Electron Miyagi are rising to the challenges of technological innovation and manufacturing reform, continuing to deliver quality products and services with speed and integrity. We are firmly committed to expanding our business from Miyagi to the rest of the world, while contributing to the development of society and the local communities.

We would appreciate your continued warm support.

Hiromitsu Kambara
President & Representative Director
Tokyo Electron Miyagi Ltd.





CORPORATE DATA

● Tokyo Electron Miyagi Ltd.

Established : July 1, 2010
Capital : 500 million yen
Number of employees : 2,198 (as of April 1, 2025)

● Head Office and Plant

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Kurokawa-gun,
Miyagi 981-3629
Tel : +81-22-346-3000

● Hosaka Office

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Yamanashi 407-0192
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Head Office and Plant



Miyagi Technology Innovation Center at the Head Office



Development Building No. 3 at the Head Office



BUSINESS DESCRIPTION

Etch System

Tokyo Electron Miyagi develops and manufactures plasma etch systems for producing semiconductor devices.

Our plasma etch systems use plasma-state gases generated in the built-in reaction chamber to selectively remove unwanted areas of various semiconductor circuit structures on the wafer surface, enabling ultra-fine processing. The systems cover processing dimensions from around one nanometer (one millionth of a millimeter) to one micrometer (one thousandth of a millimeter) and support a wide range of applications, including cutting-edge memory (DRAM, NAND Flash, etc.), logic (CPU, etc.), and power devices.

Our etch systems are highly regarded in the global marketplace for their excellent cost efficiency and reliable performance.

As semiconductors face the need for greater integration and miniaturization, the market for plasma etch systems is expected to grow further in the coming years, and we will continue to deliver the products that meet market demand in a timely manner.

Going beyond the cutting-edge technology, our plasma etch systems will continue to evolve into the future.

Plasma Etch System



Tactras™



Episode™ UL

