



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.

Against this backdrop, we are steadily implementing a range of priority measures for our next stage of growth. Our Development Building No.3, completed last year, is now operational and accelerating industry-leading product development. We are also making good progress with construction of our Miyagi Innovative Production Center, which we expect to complete next year. It will accelerate the strengthening of our development capabilities, further improvement of productivity, and provision of high-quality products and prompt services to our customers to help us achieve our goal of becoming the world's number one semiconductor production equipment plant.

This fiscal year, we will further strengthen our core technologies and pursue cutting-edge technologies as part of our production mission of creating and maximizing the value of our customers' products. We will also further advance technological innovation and production reform through trust-based collaboration with partners and joint research with consortiums and academic institutions. 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 by continuing to deliver quality products and services with speed and integrity.

We would appreciate your continued 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 : 2,340 (as of April 1, 2026)



Head Office and Plant

● Head Office and Plant

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Miyagi Technology Innovation Center at the Head Office



Sendai Satellite 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 performance, superior quality, and high stability in high-volume production.

Plasma etch systems are a key technology enabling the high integration and miniaturization required for the continued evolution of semiconductors, and the market for these systems is expected to continue growing in the coming years. We will continue to deliver products that meet our customers' needs 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

