



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."

Semiconductor technology is constantly evolving to support the digitalization and decarbonization of society. The market for etch systems, in which Tokyo Electron Miyagi thrives, is expected to grow significantly in the future as technological innovation continues with the advancement of semiconductor microfabrication technology.

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 combine the TEL Group's unique and competitive technologies by harnessing the power of organic collaboration with our trusted partners, joint research with consortiums and academic institutions, and multi-stakeholder support and cooperation. United to meet new technological and manufacturing challenges, all of us at Tokyo Electron Miyagi are committed to delivering quality products and services with speed and integrity, expanding our business from Miyagi to the world, and 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 : 1,842 (as of July 1, 2024)

● Head Office and Plant

1 Techno-Hills, Taiwa-cho,
Kurokawa-gun, Miyagi 981-3629
Tel : +81-22-346-3000

● Matsushima Office

1-1 Nekohazama, Nemawari, Matsushima-machi,
Miyagi-gun, Miyagi 981-0203
Tel : +81-22-346-3000

● Hosaka Office

650 Mitsuzawa, Hosaka-cho,
Nirasaki City, Yamanashi 407-0192
Tel : +81-551-22-8611



Head Office and Plant



Miyagi Technology Innovation Center 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

