



Technology Enabling Life

Founded in Kumamoto more than 30 years ago, Tokyo Electron Kyushu has since been winning strong support from its customers by developing high value-added products and delivering them to market quickly. We generate high profits from our supply of high-quality, low-cost products and have been actively investing in the development of next-generation equipment. This, of course, couldn't be possible without the cooperation of our local community and business partners in Kyushu and other regions. I would like to express my deepest gratitude for the support they have extended to us.

Looking to the world from here in Kumamoto, we constantly take on R&D and production challenges. We remain committed to developing new technologies and products that will amaze the world, while satisfying our customers with high quality and excellent cost performance. Hoping to remain a company that everyone can truly trust, we will continuously seek out opportunities to grow and to expand into new areas, while valuing the people, technology, and connection with society we cultivate in the course of our business.

The electronics industry in which we operate is a market that has significant growth potential. To meet the increasingly diverse and complex needs of our customers, we will remain strong in our commitment to overcoming technology challenges and ensure our business growth.

In doing so, our most important thing is the people who make it possible. The Tokyo Electron Group is a company that values people. We will continue to strive to empower our employees and their families, business partners and other stakeholders to envision a bright, hopeful future. At the same time, we will always put the health and safety of everyone first and actively work to preserve our environment and to contribute to our local community.

We look forward to your continued warm support.

Shinichi Hayashi
President and Representative Director
Tokyo Electron Kyushu Ltd.





CORPORATE DATA

● Tokyo Electron Kyushu Ltd.

Established : April 1, 1991
Capital : 2 billion yen
Number of employees : 2,117 (as of April 1, 2023)

● Head Office

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● Ozu Office

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BUSINESS DESCRIPTION

Coater/Developer

We develop, design, manufacture, and install photoresist coater/developer equipment. Coater/developer equipment is a system that is used in the process before and after transferring a circuit pattern onto a silicon wafer. The process starts by applying a UV-sensitive agent called photoresist on the wafer to form a resist film of uniform thickness. The photoresist-coated wafer is then exposed to ultraviolet (UV) light with a stepper (lithography device) and returned to the coater/developer for development. Finally, the wafer is sent to the etch system to remove the films of unmasked area.

Our company has an overwhelming market share in the field of coater/developer systems.

CLEAN TRACK™
LITHIUS Pro™ Z



Surface Preparation Systems

We develop, design, manufacture and install cleaning systems.

As our surface preparation systems, we have a lineup of single-wafer and batch cleaning systems that remove foreign objects on the wafer surface between process steps and leverage uniform and highly selective etching and pattern collapse free drying technologies, supporting diverse process applications. As semiconductor scaling and performance enhancement continue, the cleaning system market is becoming increasingly important and expected to support more manufacturing steps.

To meet these market expectations, we will focus more on developing and manufacturing systems with environmentally friendly features on top of high productivity and outstanding process performance.

CELLESTA™ -i MD



3D Integration

We design, manufacture and install semiconductor production systems for high-density 3D devices, which are expected to become more important than ever and to see further growth in demand.

We have a lineup of wafer bonding systems and a laser edge trimming system, which represent a fusion of various cutting-edge technologies proven in our coater/developer, cleaning and other systems that have a high market share and good track record of mass production.

In addition, our laser edge trimming system's processing technology greatly reduces the environmental impact of chip manufacturing compared to conventional processing technology.



Synapse™ Si



Ulucus™ L

