Semiconductor devices (IC chips) are used in mobile devices, such as smartphones and tablets, and in electronics ranging from flat panel TVs and other digital home appliances to cutting-edge medical equipment. Tokyo Electron offers semiconductor production equipment for manufacturing such devices, along with superior technical support and service.

Our product lineup includes coater/developers, plasma etch systems, thermal processing systems, single wafer deposition systems and cleaning systems used in wafer processing. We have also added products for handling the magnetic materials necessary to form the memory cells of STT-MRAM*, a candidate for the next generation of memory device. Other products include wafer probers used in the wafer testing process, electrochemical deposition systems and wafer bonders/debonders used in advanced packaging processes.

* STT-MRAM: Spin Transfer Torque-Magnetoresistive Random Access Memory (an emerging memory promising for its low power consumption)

Flat panel displays (FPDs) are used in a wide variety of applications, such as flat panel TVs, mobile devices including smartphones and tablets, and recently even digital signage for advertising. Tokyo Electron supplies FPD coater/developers and plasma etch/ash systems used to manufacture FPDs, along with solid technical support and service.

Tokyo Electron’s product lineup also includes an inkjet printing system for manufacturing OLED panels using large-sized substrates to take advantage of the expanding OLED display market.

**SUMMARY OF BUSINESS**

**MAIN PRODUCTS**

- Coater/Developer
- Plasma Etch System
- Thermal Processing System
- Single Wafer Deposition System
- Cleaning System
- Wafer Prober

**SALES BY REGION**