

Business Overview

SUMMARY OF BUSINESS

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)

Semiconductor
Production
Equipment

MAIN PRODUCTS

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



Coater/Developer
CLEAN TRACK™
LITHIUS Pro™ Z



Plasma Etch System
Tactras™



ALD System
NT333™



Single Wafer Deposition System
Trias™

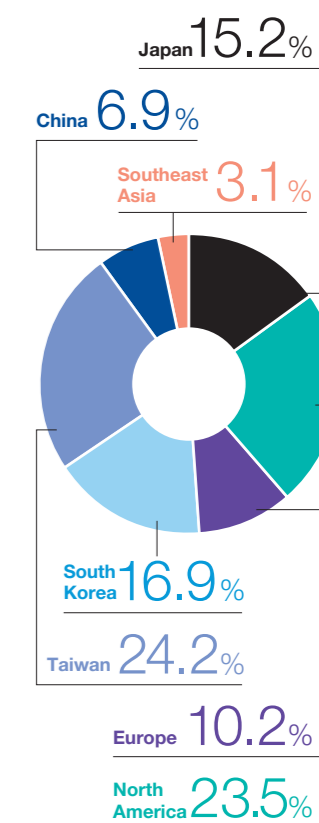


Single Wafer Cleaning System
CELLESTA™ -i



Wafer Prober
Precio™ XL

SALES BY REGION

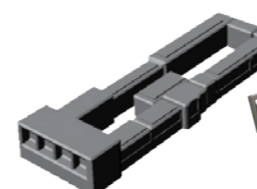


FPD Production
Equipment

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.

- ▶ FPD Coater/Developer
- ▶ FPD Plasma Etch/Ash System
- ▶ Inkjet Printing System for Manufacturing OLED Panels



FPD Coater/Developer
Excliner™



FPD Plasma Etch/Ash System
Impressio™



Inkjet Printing System for
Manufacturing OLED Panels
Elius™ 2500

