

We offer vacuum equipment that creates new value.

Vacuum equipment



Sputtering equipment for research and development

High performance batch-sputtering equipment, based on human ergonomics and applicable to many kinds of experimental studies.



Sputtering equipment for research and development

Sputtering equipment applicable to multi-product production, with a load-lock mechanism and suitable for R&D work.



Sputtering equipment for semiconductors

Optimized equipment for back-side electrode coating on power devices or under bump metals, and multi-layer film coating.



Vacuum bonding equipment for small size panels

Equipment to bond LC panels and organic EL panels in a vacuum.

Electronic parts

Magnetic heads
Recording media
Sensor

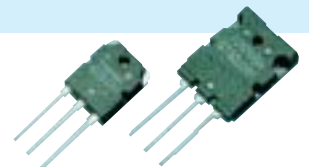


The equipment we offer

Sputtering equipment for research and development, Large batch type vacuum evaporation equipment

Semiconductors

LSI
Power devices
LED



The equipment we offer

Sputtering equipment for research and development, Sputtering equipment for semiconductors, Vacuum bonding equipment, Vacuum evaporation equipment for semiconductors and electric parts

Vacuum

Other applications

Coating for plastics
Ornaments
Road mirrors
Solar cells



The equipment we offer

Sputtering equipment for research and development, Large batch type vacuum evaporation equipment

Automobile parts

Exterior parts, Interior parts
Car navigation systems
Photocatalysis



The equipment we offer

Sputtering equipment for research and development, High-speed single substrate sputtering equipment, Multi-layer single substrate sputtering equipment, Coating equipment for plastics

Providing the world with highly productive, reliable vacuum equipment.

We continue to create new value in such diverse areas as electronic components, automotive parts, semiconductor, etc., by applying advanced vacuum and automation technologies cultivated as a pioneer of sputtering equipment for plastics.

Vacuum Equipment



OLED* vacuum bonding equipment

Equipment for applying sealing agent, drop filling the sealant, aligning the substrate, and bonding in a vacuum in a nitrogen atmosphere.

*OLED: Organic light emitting display



High-speed single substrate sputtering equipment

Optimized equipment for single-layer film coating of automobile mirrors, cosmetic mirrors, disc-glass masters, and electronic parts.



Multi-layer single substrate sputtering equipment

Equipment for forming diverse types of multi-layer films, such as the photocatalysis for automobile mirrors.



Single substrate sputtering equipment for large size

Large substrate sputtering equipment for automobile lamp reflectors, etc. It is possible to provide a plasma polymerization room.

FPDs

OLED
Liquid crystal display
Touch panel



The equipment we offer

Sputtering equipment for research and development,
Vacuum bonding equipment for small size panels, OLED vacuum bonding equipment

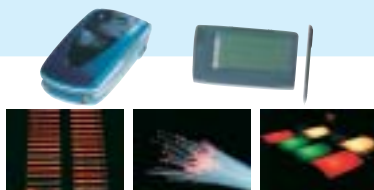


Coating equipment for plastics

Realized sputtering and plasma polymerization for plastic parts by 1unit.

Optical parts

Mirrors
Camera lenses
Glasses lenses
Optical elements



The equipment we offer

Sputtering equipment for research and development,
Large batch type vacuum evaporation equipment



Large batch type vacuum evaporation equipment

Equipment for coating metallic films on the plastic cases of cellular phones, etc. A wide range of applications include nonconductive coating and electromagnetic radiation shield processing, in addition to coloring.