

Opening up a new age of clean energy with the laser beam.

As a manufacturer of YAG laser equipment, we have made every effort to improve productivity and advance automation.

Building on 40 years of extensive achievements based on our technological capabilities in micromachining and optical systems, we are cultivating laser processing as a new business area, and delivering high performance equipment that is compact, easier to operate and that imposes fewer environmental burdens.

Moreover, in recent years, laser equipment has taken on a major role in the manufacturing of solar cells and new types of batteries for automobiles.

Laser Equipment

Laser equipment



YAG laser welder

Processing equipment for welding, cutting and drilling metal and ceramics and seam welds of battery cases.



Thin film processing system for solar cells

Equipment for high speed, high precision removal of thin films on glass substrates. Suitable for uses ranging from small substrates for experimental use to mass production lines for large substrates.



Laser marker for WL-CSP

Equipment for high-speed, high-accuracy drawing chip ID characters and symbols on an entire wafer.



YAG laser marker

Equipment for high-speed, high precision drawing of clear characters and symbols on electronic parts, semiconductor packages, and switches.



High power LD pumped YAG laser

Equipment for high speed and high quality welding and cutting processes for sheet steel and aluminum, as well as FPD frames and automotive parts, etc.



Pattern cutting equipment

Equipment that uses a laser to cleanly remove short-circuit patterns, etc., preventing electrostatic damage during the LCD manufacturing process.

Microwave equipment

Microwaves are widely used in industrial heating equipment and plasma processing equipment as an energy source.



Microwave heating equipment

Equipment that uses microwaves to heat and dry dielectric substances, in the same way as a microwave oven.

Batteries/Electronic components

- Battery pack
- HDD components
- Portable music players
- Solar cells



The equipment we offer

Spot welding YAG laser equipment, YAG laser welder, YAG laser marker, Thin film processing system for solar cells

Semiconductors

- Wafers
- TAB-ICs
- Packages



The equipment we offer

Wafer marker, Laser marker for WL-CSP, Laser marker for TAB-IC, YAG laser marker

Laser

FPDs

- Liquid crystal display



The equipment we offer

Pattern cutting equipment, YAG laser marker

Other applications

- Food
- Lumber
- Ceramics



The equipment we offer

Microwave heating/drying equipment

Automobile industry/Steel industry

- Engine parts
- Environment improvement components
- Car bodies
- Electrical equipment



The equipment we offer

High power LD pumped YAG laser, Microwave equipment