SIS
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System Innovation Synchronized
Your partner for automation

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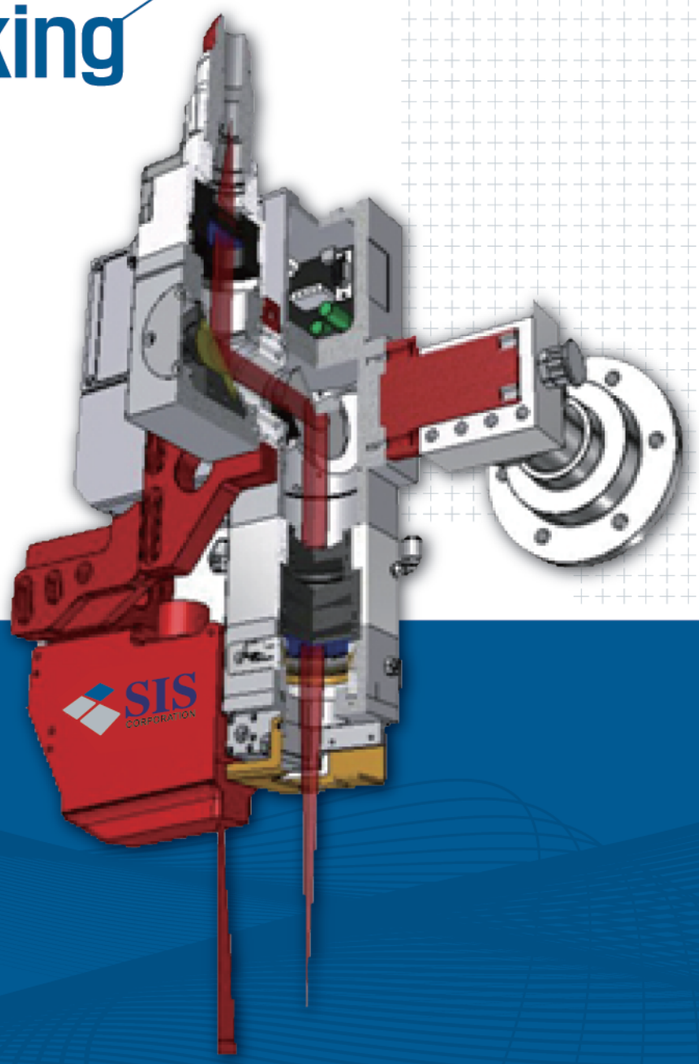
Self Tracking SYSTEM



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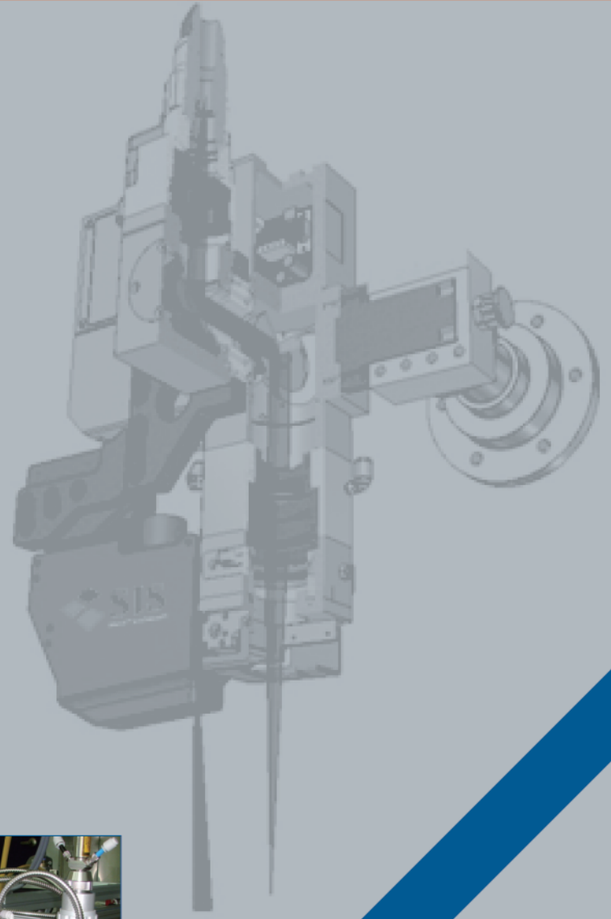


Self Tracking SYSTEM

Configuration of the cooling device for an optical system

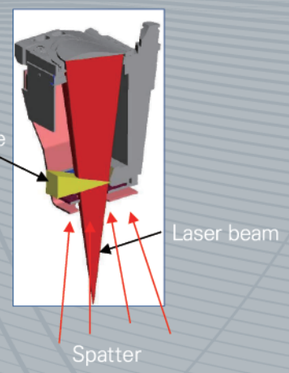
- ✓ The coolant circulation system is applied to the system because of using high power lager Configuration of cooling device (Collimation lens, Telecentric lens and Galvanometer)
  → Cooling flow : 50 liter/min

Product photo

Weld spatter penetration protection

- ✓ Air knife is applied to the system in order to protect a telecentric lens
- ✓ Use a exchangeable protective glass for the secondary block(Protection of expensive lens)

Equipped a air-knife



Self Tracking SYSYEM

Application
- Tailor Welded blanks(TWB)
- others

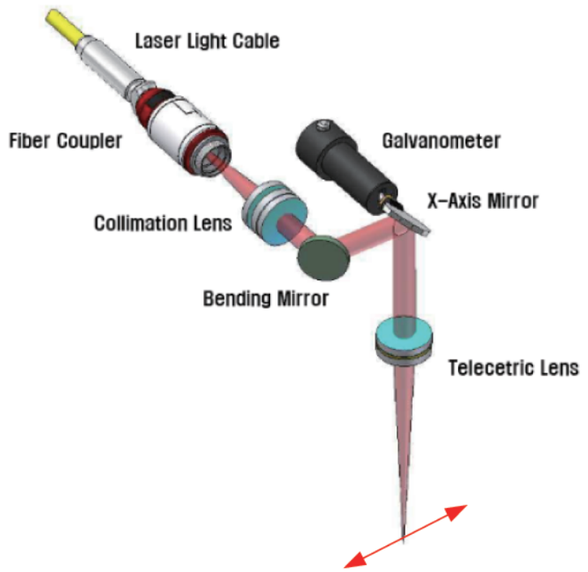
System components & Laser
- With robot
- With gantry
- Possible laser : Disk, Fiber Laser

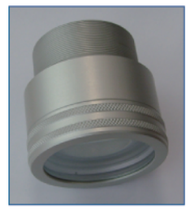
Description
- Compact and light design
- Self seam tracking welding module using actuator inside of welding head not depend on mechanical servo slide

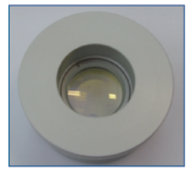
Option
- CCD Viewing
- Bead Inspection Sensor

Self Tracking SYSTEM

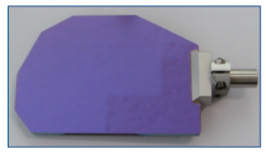
Inner structure of optics module




Telecentric Lens


Collimation Lens


Galvanometer


Bending Mirror


Control System