By combining the Galvano Scanner System with Avio’s air-cooled single-mode fiber laser welder LW-F300, optimum welding can be provided for various types of works.

**High Speed Welding**
- High speed 2,000 mm/sec scanning of the laser beam, which is continuously emitted from the fiber laser welder (CW)

**High Quality**
- Little thermal strain and thermal damage to neighboring parts by scanning the welding point at high speed
- By combing thin and deep penetration of a single mode fiber laser with horizontal operations of Galvano Scanner, such as Spiral or Circular (moving horizontally while drawing), wide bead welding becomes available and the strength of the welded point increases.

**High Precision**
- Digital control prevents drift (displacement) caused by changes in the temperature.
- Positioning with high productivity and stable welding can be achieved.

**Welding Various Types of Works**
- Long work-distance (374 mm) and wide welding area (150 mm square)
- Software dedicated to welding is attached to make optimum welding available.

**Welding Time:** Approx. 1.3 sec (121 shot)

**Wide Welding Area**
- 150 mm square

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**Maximizing the Performance of Fiber Laser Welder!**
*Dedicated Galvano Scanner System for Avio’s fiber laser welder LW-F300*
Applications
- Information equipment (Smartphone, Tablet PC)
- Electronic components
- Automotive electrical equipment
- Medical equipment components
- Energy fields (Secondary cell, Fuel cell)

System Configuration
1. Scan Head
2. Control Box
3. Control PC, PC Monitor, Dedicated Software

Lineup of Fiber Laser Welder
1kW Single Mode Fiber Laser Welder LW-F1000
Galvano Scanner System for LW-F1000 AGS-F301
*The stand and the work-stage are not included in this system.

Requests for Sample Testing are Welcomed. Please Contact Us.