

Branson™ GLX-1 Servo Medical Solution

Helping customers develop next-generation medical products utilising advanced Laser assembly process.

Branson GLX-1 Servo Medical Solution

The Branson GLX-1 delivers enhanced control and insight for increased medical production throughput. GLX-1 servo is the solution for every stage of your Medical device manufacturing. From lab-scale to pilot-scale to high-volume production, our expertise and global resources make Emerson a trusted partner in all phases of medical device manufacturing.

Key Features



Speed



Flexibility



Servo Actuation



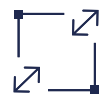
FDA 21 CFR | MDR 2017/745
Part 11 Capable | readiness



Quality



Industry 4.0 Ready



Modular and Scalable



Unwelding Capability

BRANSON™


EMERSON™

The solution for every stage of your Medical device manufacturing

Quality

GLX-1 Servo is available with specific medical package to support your medical manufacturing requirements:

- Servo actuation with stainless steel side covers
- Special ergo base designed for Medical manufacturing environments
- Powder coating of hardware (ergo base, mount). Provided certificate and production protocol
- Stainless steel screws used in areas above the welding tool
- Food grade grease implemented in mounting column
- Stainless steel outer cover for Laser Banks
- Modular and scalable solution depending on your requirements
- Clean process
- ISO 8 Clean room certified



Medical Software Readiness



The FDA 21 CFR Part 11 capability ensures robust data management, offering customers reassurance

Benefits include:

- Audit trails
- Greater traceability of events and changes to events
- Data capture and retention of every single weld
- Data output in electronic and non-editable formats to ensure data integrity
- Four levels of user authorization plus configurable privileges for operators
- Automatic disabling of user account after multiple incorrect Login attempts
- 99 users with validated recipes Data and Weld History Retention
- Best in class standard storage offering of 2,500,000 weld results in machine database
- 2,500,000 weld graphs

Industry 4.0 Ready

By providing easy integration into a digital environment and standardized transfer of relevant data, the Branson GLX-1 is Industry 4.0// IIoT enabled with optional Gateway accessories available.

This supports access to operational performance and machine data for actionable insights.

OPC-UA, Ethernet/IP, Profinet communication protocol available

Unwelding Capability

Introducing Branson's Revolutionary Laser Unwelding capability: Elevate Sustainability by Easily Reclaiming Vital Components. Unlock unparalleled efficiency and eco-friendly innovation with Branson's cutting-edge STTir unwelding capability. Seamlessly unweld complex applications with precision, leaving internal assemblies intact and ready for repurposing. Empower your sustainability goals with our state-of-the-art solution that ensures quick, clean, and efficient separation—maximizing resource reclamation while minimizing waste. Discover the future of responsible manufacturing, achieve significant cost savings, and set a new standard for operational excellence with Branson's pioneering technology.

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