

FIBERSTAR OEM INDUSTRIAL WELDER

8700 Series

HIGHLIGHTS

- Excellent Pulse Stability +/- 1%
- Integrated Beam Expander & Microscope
- CW & Pulse Laser Output Modes
- QBH Fiber Optic Connection
- 150, 300, 450 & 600 Watt Models
 - ★ Outstanding Peak Power (up to 10x Average Power)
 - ★ Pulse Performance Profile Technology
 - * Available in Single or Multi Mode Models
 - ★ Programmable Beam Expander (BET)
 - ★ Various High Quality Stereo Microscope Options
 - ★ Touchscreen User Interface w/ Remote OIT Option
 - ★ Energy Efficient, Air Cooled Fiber Laser

Worldwide Safety Certification FDA(CDRH), UL, CSA, CE



Micro & Mold Repair Welding

Automotive & Micro Components

Computer Components

Spot & Seam Welding

Aerospace & Electronics

Many Complex Alloys







Welding Head with Argon Flow Nozzle



Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

LaserStarAcademy.com

Technical Specifications at www.LaserStar.net

FIBERSTAR CNC WELDING WORKSTATION

8700 Series

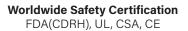


FiberStar Lasing System	Class 4
Operating Mode	Pulse or Continuous Wave (CW)
Pulse Length	0.02 - 50 ms
Wavelength	1070 nm
Pulse Frequency	0.5 - 20 Hz
Output Power (Watts)	150W / 300W / 450W / 600W
Output Power Stbaility	+/- 1%
Maximum Peak Power	1.5kW / 3.0kW / 4.5kW / 6.0kW
Burst (Count) Mode	1 - 25 pulses
Beam Diameter	> 25 micron
Motorized Beam Expander	Yes
Cooling Capacity-Run Time	Internal Forced Air / 24H Continuous

FiberStar 8700 series are fast, efficient, portable OEM fiber laser engines with an integrated beam expander and stereo microscope viewing system.

The laser source is a permanently sealed design that **protects against dust** and **dirt**, does not require adjustment, maintenance, and has no consumable parts. These features help to ensure the FiberStar systems performance resulting in consistent material processing for **years** of operaton.

The **benefits** of **FiberStar** laser technology is that very little heat is generated at the weld point allowing users to easily weld **<0.025mm** from complex, heat sensitive, intricate parts while providing unparalleled **pulse stability of +/- 1%**.











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