

FIBERSTAR OEM INDUSTRIAL WELDER

8700 Series

★ HIGHLIGHTS

Excellent Pulse Stability $\pm 1\%$
 Maintenance Free Air Cooled Laser
 Integrated Beam Expander & Microscope
 150W, 300W, 450W, 600W 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
- HD Camera & Viewing System Compatible
- Touchscreen User Interface w/ Remote OIT Option
- Energy Efficient, Air Cooled Fiber Laser



✓ Medical Device Components

✓ Micro & Mold Repair Welding

✓ Automotive & Micro Components

✓ Computer Components

✓ Spot & Seam Welding

✓ Aerospace & Electronics

✓ Many Complex Alloys



LASERSTAR
 ACADEMY

Our online laser academy and training courses are designed to provide you with a solid foundation of fundamental system operation skill sets.

www.LaserStarAcademy.com

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8700 Series

FiberStar Lasing System	Class 4
Operating Mode	Pulse or Continuous Wave (CW)
Pulse Length	0.02 - 50 milli-seconds
Wavelength	1070 nm
Pulse Frequency	0.5 - 20 Hz
Output Power (Watts)	150W / 350W / 450W / 600W
Output Power Stability	+/- 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
Country Of Origin	USA

* In the interest of technical progress we reserve the right to make technical changes without notice. Note: The technical specs can vary depending on laser.

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 operation.

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%**.

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



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