

Handheld Fiber Laser Welding System



HERTZ

The handheld laser welding system combines the fundamental qualities of an ultra-portable device with uncompromising performance. With our new design, the product's overall volume has been reduced dramatically. This results in an extremely productive and powerful system. This device is a perfect integration of SLTL Group's Laser Welding Technology and reliable portable structure. The System is a fit for complex as well as large and small components.

Specification

Laser Power	Upto 2 kW
Wave Length	1080 nm
Mode of Operation	Continuous wave (CW)
Wall - Plug Efficiency	>30%
Out Power Turning Range	10-100%
Emission Modulation upto	5 kHz
Overall Size	1180mm x 665mm x 1100mm
Operation Voltage	1 phase (A.C) (230v - 50Hz)
Optional	Wire Feeder, Wobbling Head

Applications

- Kitchenware
- Aircraft
- Home Appliances
- Mold Industry
- Medical Equipment's
- Furniture and Decor
- Automobile
- Fabrication
- Ship Building

Features

- **2x to 10x faster than traditional welding methods**
- **Power packed portable system allowing outdoor welding**
- **Higher bending strength**
- **Provides leak proof welding**
- **Infrared positioning for utmost precision**
- **Access to complex positions**

Advantages

Portability with performance: This is a power packed system with compact structure ready to move around your work floor.

Eliminating consumables: Fiber Laser allows to operate without any additive or consumables to the welding process.

High quality welding seam: The welding seam is smooth, with less taper allowing users to save time on polishing.

Superior Weld Strength: Laser Welding provides stronger weld joint strength than traditional welding methods.



An ISO 9001: 2015 certified company

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