LASER TECH™



Intelligent Handheld Laser Welder

YLIS-Weld-1500-A

The world's first active air conditioning direct cooling technology, can work continuously in the range of -20 ° C ~50 ° C, not afraid of the impact of ambient temperature, small fiber core diameter design, greatly improve the beam quality under the same power, high energy density, stable welding performance, support long-term welding work.

Advantages

- Triple protection design, built-in air pressure detection device, welding anti-stay;
- Based on 976nm pumping technology, EO conversion rate of optical module is ≥42%;
- Strong environmental adaptability, working environment temperature -20℃~50℃;
- Built-in 55 groups of application process data packets, selected according to the application scenario, without too much process exploration, can easily get started.

Applications

A wide range of welding materials: different thickness of steel (such as carbon steel, galvanized steel), aluminum alloy, copper, stainless steel, etc., widely used in kitchen, guardrail, doors and Windows and other hardware welding market.

GW's standard certification laser series is based on professional performance, and the design standards pursue parity with international first-line brands. For the international market and high-end user groups, the product design meets the relevant international certification standards, and provides global service network protection services.

- AAC direct cooling, laser chip operating temperature fluctuation is small, long-term reliable and stable operation
- ABR super anti-high reaction technology, can easily weld high reaction materials
- Independently developed hand-held welding gun, light weight, the welding process is not tiring
- Self-developed SMAT intelligent operation series, easy to operate

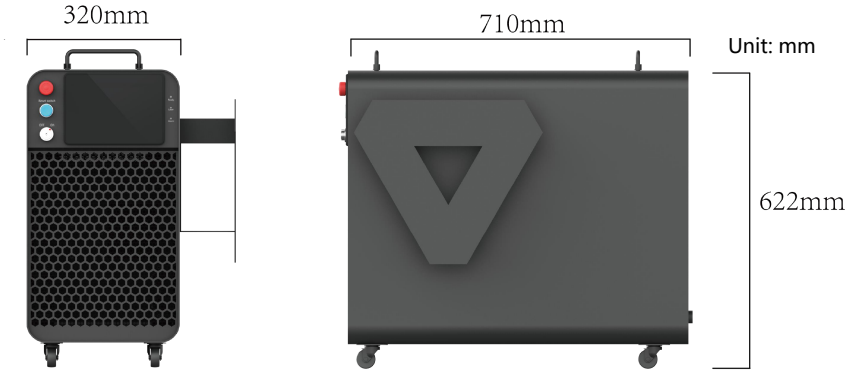
EO conversion efficiency≥42%	Easily weld high anti materials	SMAT Intelligent operating system	Run continuously for 24h

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Product specification parameter	YLIS-Weld-1500-A
Output Power (watt)	1500
Operating Mode	CW/Modulation mode/Linear mode/Pulse/Timing mode
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Max. Modulation Frequency	50kHz
Wobble Way	Single
Cable Length (m)	5±0.5 (Customizable)
Cooling Method	Active air cooling
Ambient Temperature Range (℃)	-20~50
Input Voltage	220VAC/50Hz
Dimension (mm)	320 x 710 x 622 (L×W×H)





Legal Notice: All product information is believed to be accurate and subject to change without notice.

Legal statement:

GW smart fiber laser products are designed in strict accordance with safety regulations. All production is in accordance with international standards and regulations currently in force in the country. Each GW laser has a warning sign as shown in the figure.



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