LASER TECH™



Air-cooled Handheld Welder

YLIS-Weld-40D-F

YLIS-Weld-40D-F intelligent handheld laser welding machine adopts forced air cooling, phase change radiator, new appearance design, small size and lighter weight. The use of high temperature chip technology solution, support long-term welding work, compared with the traditional arc welding machine, welding efficiency is high, no professional welder, low labor cost.

Advantages

- Proprietary air cooling system
- Built-in wire feeder optional
- Ambient temperature -15~45℃, Stable welding for a long time
- Lockout function with customised duration and remote authorisation for extended use
- Remote service support available through WiFi/Internet

Applications

A wide range of welding materials: different thickness of carbon steel, aluminum alloy, copper, stainless steel, etc.,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.

- New appearance design, small size, light weight
- Independently developed hand-held welding gun, weighs only 580g
- 7 inch industrial LED touch screen, easy to set power, mode selection, fault display, etc

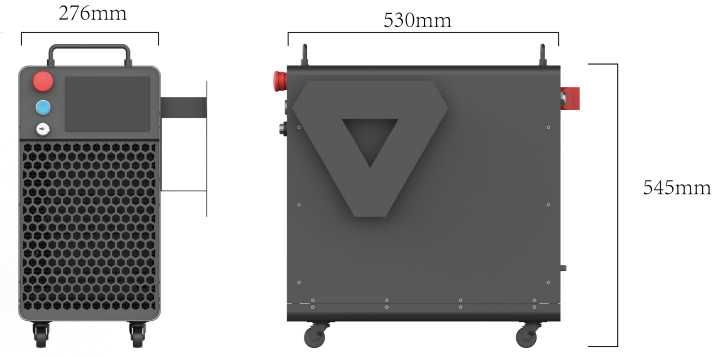
EO conversion efficiency≥42%	Easily weld high anti materials	SMAT Intelligent operating system	Run continuously

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Product specification parameter	YLIS-Weld-40D-F
Output Power （watt）	1200
Operating Mode	CW/Modulation mode/Linear mode/Pulse/Timing mode
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Power Stability	±5%
Max. Modulation Frequency	10kHz
Response Time	< 25us
Red Diode Wavelength (nm)	650
Red Diode Power (mw)	< 1
Interface type	GW hand-held welding head
Focal Collimator	50mm
Focal length	150mm
Cable length(m)	6±0.5 （Other customizable）
Protective Gas	Inert gases (nitrogen, argon)
Ambient Temperature (℃)	-15~45
Input Voltage	220VAC/50Hz/60Hz
Power Consumption	≤4.0kWh





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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