LASER TECH™



Mini Air-cooled Handheld Welder

LW-40D

Proprietary air cooling system, laser output power ≥1200W; The fan cooling temperature could be changed intelligently by control main board. Ultra-portable design with weight as little as 26kg. Proprietary high temperature laser diode, to support long time welding work, higher welding efficiency than traditional arc welding machines.

Advantages

- Proprietary air cooling system
- Built-in wire feeder optional
- Ambient temperature -10~40℃, 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 economical laser series is oriented to the user group with the ultimate cost performance requirement, taking economy as the core, taking into account high quality and low price, which can fully meet the daily production and use needs of customers.

- New appearance design, small size, light weight
- ABR super anti-high reaction technology, can easily weld high reaction materials
- 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≥40%	Easily weld high anti materials	SMAT Intelligent operating system	Run continuously

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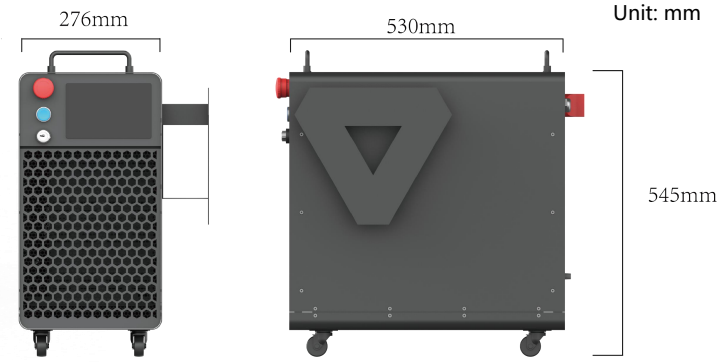
Product specification parameter	LW-40D
Output Power (watt)	1200
Operating Mode	CW/Pulse
Output Power Range (%)	1-100
Output Laser Wavelength (nm)	1080±10
Power Stability	95%
Max. Modulation Frequency	10kHz
Response Time	< 30us
Red Diode Wavelength (nm)	650
Red Diode Power (mw)	< 1
Wobble Way	Single
Wobble Format	0~5mm
Laser Incident Method	Coaxial
Protective lens Specification	D20mm,T3mm
Cable length(m)	5±0.5 (Other customizable)
Ambient Temperature (℃)	-10~40
Input Voltage	220VAC/50Hz/60Hz
Power Consumption	≤4.5kWh
Ambient Humidity Range	≤95 degree

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Product specification parameter	LW-40D
Protective Gas	Inert gases (nitrogen, argon)
Protective pressure range	0.1~1.0 MPa
Interface Type	QSC
Reflector Specifications	23.3×16mm2，T2mm
Focusing Lens Specifications	D20mm,F150mm
Collimator Specifications	D12.7mm,F50mm
Dimension（mm）	276 x 530 x 545 (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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