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LWF1000-HLW

Handheld Laser
Welding Machine



Introduction

LWF1000-HLW laser welding machine is a 1000-watt fiber laser handheld welding machine, using an integrated design, compact and beautiful structure, with good beam mode, energy stability, stable performance, reliable use, welding speed, wide range of welding, consumables and consumables long service life and so on, a wide range of applications.

Features

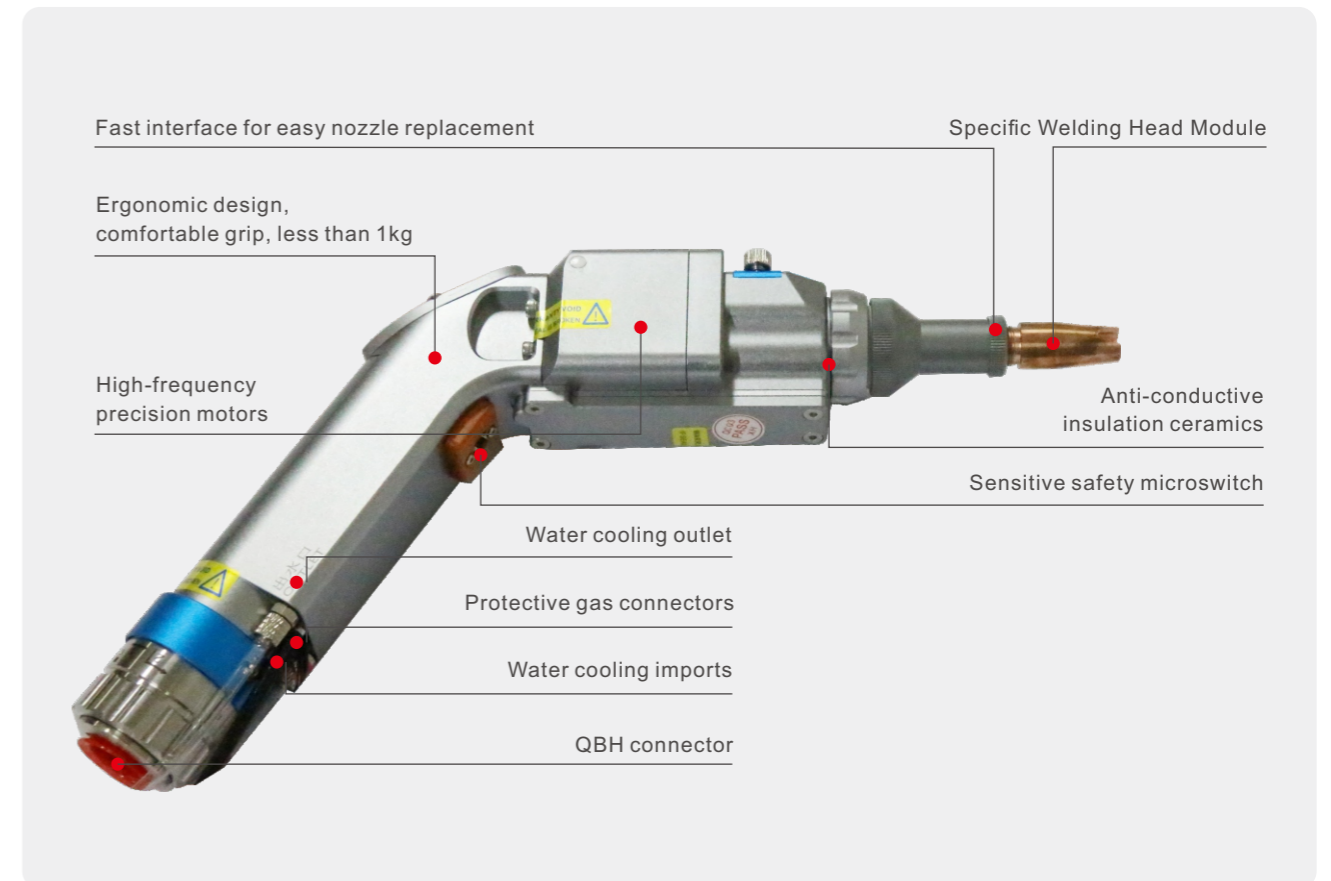
- Widely using in industrial hardware manufacture, product like-Cabinet kitchen Tool Cabine, Elevator & Stair, Home based Metal Furniture and so on, a good alternative solution to traditional arc welding.
- The interior parts is in compact design.
- System with smart multiple alerts to guide for trouble shooting, automatic beam lock-up when no welding target attached in high security.
- A variety of angle nozzles choice to ensure the welding quality fits different applications.

Parameters

Model	LWF1000-HLW	
Light-road system	Machine body	Cabinet
	Conduction type	Fiber
	System power supply	AC380V/50Hz
	Wavelength	1080nm
	Power	1000W
	Frequency	50-5kHz
	Output focal length	120mm
	Cooling method	Water cooling
	Fiber length	15M
	Port	1 way gas (Select nitrogen, argon or compressed air according to process requirements.)
Others	Power consumption	≤ 6KW
	Air pressure requirements	4-6Bar
	Electricity demand	AC380V 50Hz 60A

Welding heads Introduction

Welding head is widely used in stair elevators, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel home and other industries complex irregular welding process;



Samples



- Bathroom accessories
- Motor rotors
- Hardware doors and windows
- Sinks
- smoke exhaust ventilator