

➤ Hand-held Laser Welding Machine

- The hand-held laser welding machine adopts fiber to transmit high energy and density laser, it's flexible and convenient to operate by welding the stainless steel, aluminum alloy and other materials by using the hand-held welding machine.
- Hand-held welding machine is integrated with fiber lasers, hand-held welding head, laser control system, safety light extraction system and water cooling system. The overall design is small, beautiful, and portable, which make it easy for customers to choose their working environment without space limitation.
- This set of machine can be widely used in billboards, metal door frames, water bottles, sanitary ware and mold repair industries.



➤ Welding samples



Bathroom welding



Hardware welding



Jewelry welding



Medical equipment
Welding



Tube welding



glasses and
watch welding



Stainless steel
product welding



Advertising word
welding



Kitchenware welding

Parameters

model	DPX-W1000	DPX-W1500
Laser type	Continuous fiber laser	
Rated output power	1000W	1500W
Power adjustment range	10%~100%	
Laser center wavelength	1080±3nm	
output method	Continuous/modulation	
Maximum modulation frequency	50kHz	
Power instability	<3%	
Fiber output interface	QBH	
Indicating system	Red light	
Length of welding torch cable	10m/15m	
Welding mode	Continuous welding, spot welding	
Torch weight	About 0.8 kg	
Protective gas	Coaxial protection	
Adjustable weld width	0~5 mm	
product structure	All-in-one	
Product size L*D*H	884*525*662mm	
product weight	90kg	100kg
Working temperature	0~40℃	
Working environment humidity	<70%	
Operating Voltage	Single-phase 220VAC (must be grounded)	
Total power	<5kw	<7kw

Recommended welding thickness for different materials		
Material	DPX-W1000	DPX-W1500
Stainless steel	3mm	4mm
Carbon steel	3mm	4mm
Galvanized sheet	2mm	3mm
Aluminum alloy	2mm	3mm
brass	2mm	3mm

➤ Six core advantages



High speed
Up to 10m/min



High effect
Convenient processing



Easy to use
Can be operated by ordinary employees



Long lifetime
Around 100,000 hours



Low energy consumption



High security

Save at least 2 welders a year for one machine

1. The work efficiency is 5~10 times that of ordinary argon arc welding.
2. The laser welding machine has stable performance and can be connected to tooling and robots to realize automatic welding