

## ADVANTAGES

### Fast and high efficiency

Normally the welding is complete wherever the laser moves, and you don't have to do repeat welding for fixing.

### Fast and high efficiency

Usually the welding is complete wherever your hand moves, and you don't have to do repeat welding for fixing.

### SEAMLESS AND CLEAN

There's no welding scar, and the welding surface is seamless and easy to clean without using any tools or chemicals.

## AVAILABLE OPTIONS

Vibrating laser torch, pulse or continuous welding torch  
Different laser wattage from 300w to 6000w is available.  
5m or 10m torch cable.

## PACKAGING LIST

User Manual, Chiller, Software  
CD, USB Cable, Power Cord,  
Tool Box, Laser torch with cable

# RCW Series Handheld Laser Welder



## Features and Benefits

RCW Series laser welding machine is an easy way of doing welding for people without any professional welding skills, and the machine comes with a flexible welding torch that makes the welding very flexible and suitable for many different occasions. The welding line is seamless and do not need any extra clean.

## Popular Applications

- Welding and sealing of auto parts such as cylinder gasket, Hydraulic tappet, airbag electric detonator, crankshaft or cylinder liner or heat treatment, etc.
- Stainless steel advertising letters or logo welding.
- Microelectronics components, precision parts.
- High digital components, medical device

RCW Series laser welder is suitable for Titanium, aluminum, Metal and alloy, carbon steel and stainless steel materials, and also cooper-brass, cooper-titanium, nickel-cooper, cooper-titanium, other heterogeneous metals.

# Technical Specifications

Model	RCW1000
Laser Power	1000W fiber laser source
Power adjustable	10-100 (%)
Spot Size	0.2-1.8mm
Welding depth	0.8-5mm (depend on the materials)
Laser Wave Length	1064nm
Impulse Width	≤10ms
Computer	Included
Red dot position	Included
Cooling method	Water chiller
Language	English
Voltage	380V or 220V

Materials Type	Max Depth of Fusion (1000w)
Stainless Steel	2.5mm
Carbon Steel	2.5mm
Aluminum	2mm
Copper	0.3mm

Please note 'Fusion Thickness' is same like welding thickness when you do one side welding, and the thickness could be doubled when you do front-back welding. For more information, please contact our experts.

## SERVICES AVAILABLE

Technical Support  
Installation and Setup  
Maintenance  
Application Support  
Hardware Support  
Guaranteed Warranty



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