

Jewellery Laser Welding Machine

ALDC 200



Description

Asian Laser welding machines are essential in laser welding technology. When laser radiation melts the surface of the workpiece, the surface heat disperses into the depths through thermal conduction and softens the workpiece by controlling the width, energy, peak power, and repeating frequency of laser pulse to form precise molten pool. Because of this unique feature, our Laser welding machine is widely used in the processing of precious welding of precision parts.

Features

- Less heat-affected zone
- No deformation of the product
- Deep and firm welding
- 24 hours of continuous work
- Melt fully without trachom

Applications

This product has been specially developed to serve the requirement of Automotive, Solar, Electronic, Healthcare, Hardware, Watches, Stainless Steel, Denture and Jewellery Industries.

Technical Specification

Model	Unit	ALDC 200
Power	Watt	200
Wavelength	nm	1064
Welding Depth	mm	0.1-2.5
Welding Spot Diameter	mm	0.1-3.0
Pulse Width	ms	0.1-20
Frequency	Hz	1-30
Power Requirement	VAC	220 / 50Hz
Cooling Method	-	Internal Water Chiller
Machine Dimension	mm	930 x 570 x 1445