

## Jewellery Laser Welding Machine

Powerful. Precise. Professional.



**ALDC 200**



### Product Overview

The ALDC 200 is a 200 Watt high-pulse Jewellery Laser Welding Machine with a built-in chiller, offering a space-saving design without compromising power. It's purpose-built for jewellery workshops, goldsmiths, providing micro-precision welding with stable, long-duration performance.

From delicate repairs to robust manufacturing, the ALDC 200 delivers clean, strong welds on gold, silver, platinum, titanium, and more, without discolouration.

### Key Features

- 200W Nd:YAG Pulse Laser – Stable & Efficient Output
- Built-In Chiller – Compact Design with Thermal Control
- Integrated Microscope with Crosshair
- Touch screen Interface with Programmable Memory Settings
- Foot Pedal Activation – Precision Control
- Perfect for Chain Repair, Assembly & Manufacturing
- No Metal Loss, No Deformation

### Applications

- Gold & Silver Chain Repair
- Ring, Bangle, Earring Assembly
- Platinum & Titanium Welding
- Porosity Filling, Micro Welding
- Stone Setting, Delicate Repairs

### 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