



HW-D

HANDHELD LASER WELDING MACHINE

■ Customer benefits

- The whole machine is designed with an integrated structure, and the equipment occupies a small space. It is equipped with large-sized universal casters for easy carrying and handling;
- Equipped with a variety of welding conductive nozzles as standard, it meets various welding needs and can achieve high-precision welding with small, beautiful and firm welds;
- Professional laser welding software with powerful functions, easy to learn and use, can be used after general training, without the need for professional welders;
- The equipment has strong scalability and can be connected to wire feeders, robots, etc. It can be optionally equipped with single or double swing welding heads;
- The electrical control area is equipped with a cooling fan as standard, effectively improving the welding stability in high-temperature environments (optional cabinet air conditioning);
- Visualization instruments and water injection ports can be used to observe the usage process at any time. At the same time, a touch screen control panel is used to make modifying process parameters more intuitive and convenient;
- Energy saving and environmentally friendly, with a total power consumption of less than 7 kWh per hour and no other consumables, suitable for industries such as sheet metal, automotive parts, furniture, advertising, etc;
- The system can store various process parameters, and according to processing requirements, it can be switched at any time through the touch screen, significantly reducing parameter debugging time;

■ Characteristics



Suitable for a wide
range of welding modes



multifunction and High
welding capacity



Professional laser
welding systems



Integrated design and
high-end configurations

■ Specification

Model	HW-D		
Laser power	1000W	1500W	2000W
Gross power	≤7KW	≤9KW	≤10.5KW
Optical fiber length	10m	10m	10m
Weight	≤245Kg	≤275Kg	≤290Kg
Heat dissipation	Water cooling(laser, welded joint) Air-cooled(electrical)		
Overall dimension	580×1085×1125mm	580×1085×1125mm	580×1085×1125mm