



Dishaa[®]

LASER WELDING MACHINE

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Laser Welding Machine



Applicable Fields:-

It is widely used for welding all kinds of stainless steel mirror words, stainless steel brushed words, stainless steel spherical characters, stainless steel paint characters, stainless steel spray words, stainless steel solid words, stainless steel plating word, stainless steel gold foil words, precision stainless steel characters, titanium flat words, titanium spherical surface word, Seiko Titanium, Flat Copper, Spherical Copper, Copper, Copper Antique, Seiko Aluminum, Iron Paint (Stainless Steel, Iron, Low Carbon Steel), metal word welding.

Lighting and mould industry, optoelectronic communication devices, medical treatment, electronics, copper, aluminum and small welding processing industries.

Equipment Advantages:-

1. It is easy to operate, you can get on the job without special job permit, and you can weld beautiful products without skill of the master.
2. The welding speed is 2-10 times faster than the traditional welding. One machine can save at least 2 welders a year.
3. The weld seam is smooth, reducing the subsequent grinding process, saving time and cost.
4. Welding large metal advertising characters use hand-held welding heads to overcome the limitations of the work space.
5. The fixed welding head can rotate in all direction to overcome the inconvenience of the traditional welding head in one direction.
6. Suitable for all kinds of complex welds, spot welding of various devices.

Technical Parameters

Model	DW-1000/1500/2000
Laser wavelength	1064nm
Output optical power	1000W/1500W/2000W
Large pulse energy	100J
High peak power	9.9kw
Pulse width	0-15ms
Repetition frequency	0-150HZ
Spectroscopic methods	Precision energy splitting or high speed time splitting
Closed loop feedback control	Arbitrary waveform real-time control power negative feedback
Energy fluctuation	<±3%
Aiming mode	Laser diode red light indication (CCD option)
Number of optical fiber paths	(standard one light path)
Cooling way	Built- in water chiller
Power consumption of equipment	4KW
Power requirements	AC220V±15% 50/60HZ
Size of the host	1360x660x1060mm (length, width and height)

Sample Display

