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BMM400 Multifunctional laser welder



This type BMM400 laser Welding Machine is special for the Teapot and similar products welding application. It was controlled by the computer completely and welding speed is very fast and high precision .

Introduction

Suitable for welding of thin plates within 1mm; 3D work bench and the master unit are integrated; can weld space curve and welds of high variable, applied in medical, electronics, battery, instrument, etc

Suitable materials and application

Suitable for welding of kettle, vacuum cup, stainless steel bowl, sensor, tungsten wire, high power diode (triode), aluminum alloy, laptop shell, mobile phone battery, door handle, mould, electric apparatus fittings, filter, nozzle, stainless steel products, golf head, zinc alloy artworks

Weld point, straight line, circle, square or any plane graphs drawn by AUTOCAD; weld vertical track.

Technical parameters

Model	BMM 400
Maximum laser power	400W
Laser wavelength	1064nm
Laser welding depth	≤4mm
Pulse width	≤20ms
Laser welding frequency	≤100Hz
Adjusting range of light spot	0.1-3.0mm
Size of light spot	0.2-3.0mm
Integrity power	≤14KW
Power supply	380V/3-phase/50Hz/60A
Maximum bearing of standard work bench	≤100kg
Stroke of work bench	200*200mm to 1200*1200mm
Repeating precision of work bench	±0.01mm
Positioning precision of work bench	±0.02mm
Sighting positioning system	Red light, CCD monitor system (optional rotary clamp)
Cooling method	Water cooling
Master unit dimensions	1600*800*1800mm

