

LASER WELDING SERIES OF PRODUCTS

Supremacy:

Decades of experience in metal welding, the development of precision laser welding system, series of precision welding laser welding application equipment, is very suitable for precision welding, food medical equipment production, electronic accessories, kitchen utensils, automotive plate gold, thin leather metal, metal ornaments, metal instruments and so on. At the same time, because the solder path is very delicate no splash welding slag, almost no polishing, a number of outstanding features, but also for the system design manufacturers to provide more opportunities to solve related programs. The complete equipment includes the automatic Visual inspection auxiliary AOI system, has the function such as the correction welded seam localization and so on, the solution implementation is more convenient, the control system uses the Human-machine touch screen operation. The customer also may according to own need elastic combination. Based on the principle of energy feedback, an automatic laser energy detection system is added to the laser output terminal, the device is used to detect the laser output energy, and for the timely energy conditions of the alignment and compensation, optimization of the weld path because of the small concentration position, so that the energy output more stable, solder joints and the size of small solder path width consistent.

Security:

Power overload, lack of power supply, cooling system abnormality, heat dissipation, abnormal light, small alarm. Cooling shortage protection and abnormal voltage output security. All-System LED touch man machine display.



Hand laser welding series of products

HLRL-3000W ~ HLRL-12000W

Item	Model	HLRL-7540E	HLRL-15040E	HLRL-30070E
Handle temperature	°C	15 ~ 25		
Humidity	%	5 ~ 75		
Equipment power	W	3000	6000	12000
Laser power	W	75	150	300
Wavelength	nm	1064	1064	1064
Peak power	W	5000	6000	10000
Max pulse energy	J	35	40	70
Pulse width	ms	0.1 ~ 20		
Pulse frequency	HZ	1 ~ 100		
Fiber model	PRODUCE	JAPAN MITSUBISHI SI200 / SI300 / SI400 / SI600 L=5M		
Parameter storage	G / SD memory	8G / 32 SETS		
Input / output	INPUT / OUPUT	I / O R 232		
Feedback mode	APPARATUS	Energy feedback		
Localization way	OPTION	Red diode indicator / option CCD		
Cooling way	Kcal / H / 60 Hz	2000	3500	5000
power	AC	AC 380V / ±10% 50hz / 60hz		
Dimension	W x D x H (cm)	50 x 110 x 100	65 x 110 x 100	66 x 130 x 113

* WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE ◦

* SPECIAL POWER AND DESIGN UPON REQUEST ◦

* SPECIAL DESIGN UPON REQUEST ◦

* THE SPECIAL MODEL CUSTOMER MUST PROVIDE THE COMPLETE SPECIFICATION DOCUMENT TO BENEFIT THE DESIGN TO BUILD ◦ .