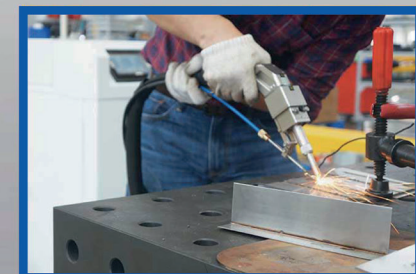


HGLW SERIES



DESCRIPTION

Support process library storage;
 6 spot modes (-, ○, ⊙, ⊚, △, 8) ;
 Adjustable light spot (0-5) mm;
 Control screen directly digitally sets the parameters of the wire feeder;
 Support (0.8, 1.0, 1.2, 1.6) stainless steel, carbon steel, aluminum welding wire;
 Nine languages: Chinese, English, Korean, Japanese, Russian, Traditional, French, Spanish, and Hebrew;
 System constantly monitors the operating status, monitors and collects the operating status of the laser, chiller, and control panel;
 It can perfectly replace some traditional argon arc welding and electric welding in the welding of thin stainless steel plates, iron plates, aluminum plates and other metal materials;
 Light weight, small size, ergonomic design and comfortable grip;
 Safety lock, when touches, light will be on;
 Operation is easy to get started, and the requirements for the operator are extremely low;
 Strong anti-interference;
 Fully sealed structure with built-in water and air circuits;
 Independent research and development control system;
 Beautiful welding seam, fast speed, no welding marks, no discoloration, no need for later polishing;
 Adjustable blowing time for light emission and light off, adjustable rise and fall time
 Recommended swing frequency 50-300Hz; dual-axis swing welding torch 10 meters, with wire filling function;
 Equipped with Tongfei built-in chiller and dual-drive digital wire feeder.

SPECIFICATION

Model	SHGLW1000	SHGLW1500	SHGLW20 00
Input voltage (V)	AC 1P 220V\50Hz	AC 1P 220V\50Hz	AC 3P 380V\50Hz
Wire feeder input voltage (V)	AC 1P 220V\50Hz	AC 1P 220V\50Hz	AC 1P 220V\50Hz
Intake pressure (Mpa)	"0.6~1MPa (Reducer is provided by customer) "		
work pressure (Mpa)	0.2-0.4		
Demand gas	Nitrogen 99.995% Argon 99.995%"		
Chiller cooling water	Distilled water or deionized water		
Laser power (W)	100~1000	150~1500	200-2000
Focus focal length (mm)	120/150		
Wavelength(nm)	1070-1090		
Beam quality (BPP)	1.3		
Pulse frequency (kHz)	20		
Spot swing diameter (mm)	0.5-5		
Spot swing pattern	6		
Languages	8 Languages		
Model	Continuous/Pulse		
Wire feeding speed	Stepless Adjustment		
System	Fourth Generation		
Applicable materials	stainless steel, carbon steel, aluminum alloy, copper (other metal materials need to customize the process parameter library)		
Maximum penetration (mm)	2.5	4	6