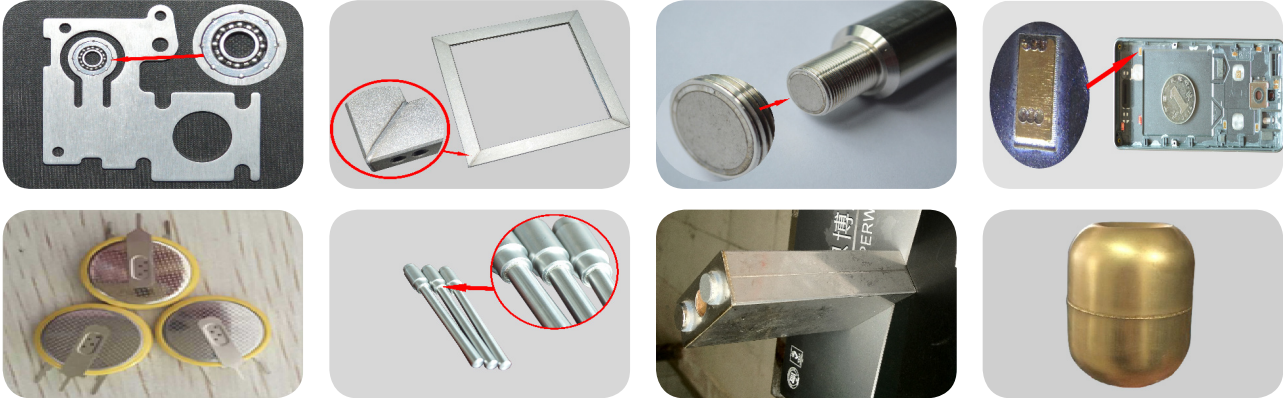




SAMPLES



Feature and Application

- Feature**

 - Real time feedback control, and waveform control, provides ideal conditions for welding.
 - The combination of the galvanometer scanning head, within the scope of theprocessing can realize spot welding and seam welding.
 - The output of the laser, which can realize energy and time spectroscopic spectral and time, there can be at most four beam of light.
 - The beginning and the end part of seam welding is done under gradually into the fade out function.
- Personalized setting of input and output optical path, make it easier for automation.
 - Can choose collocation robot, boom, the CCD camera surveillance system, to realize the special welding, precision counterpoint and real-time monitoring.

Application

It is widely used in optical fiber communication, Battery, jewellery, watch, mould, astronautics and aviation, IT, electronics, automobile industry, hardware industry, tools, instrument measuring appliances, etc.

MODEL TYPE	SW-PFLW80	SW-PFLW100	SW-PFLW150	SW-PFLW200	SW-PFLW300	SW-PFLW400	SW-PFLW500	SW-PFLW600
MAX.OUTPUT POWER	80W	100W	150W	200W	300W	400W	500W	600W
LASER WAVELENGTH	1064nm	1064nm	1064nm	1064nm	1064nm	1064nm	1064nm	1064nm
MAX.PULSE ENERGY	50J	50J	80J	80J	100J	100J	100J	100J
PULSE WIDTH	0.1~20ms	0.1~20ms	0.1~20ms	0.1~20ms	0.1~20ms	0.1~20ms	0.1~20ms	0.1~20ms
WELDING DEEPTH	1mm/SS	1mm/SS	1mm/SS	2mm/SS	2mm/SS	3mm/SS	3mm/SS	3mm/SS
PULSE FREQUENCY	1~100Hz	1~100Hz	1~100Hz	1~100Hz	1~100Hz	1~100Hz	1~100Hz	1~100Hz
RATED POWER	≤ 4kW	≤ 6kW	≤ 6kW	≤ 6kW	≤ 12kW	≤ 15kW	≤ 18W	≤ 24kW
POWER SUPPLY	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz	AC220V/50Hz	AC380V/50Hz	AC380V/50Hz	AC380V/50Hz	AC380V/50Hz
COOLING SYSTEM	Water/Air cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling
LASER HOST DIMENSION	W380×L1000×H1150mm			W700×L1200×H1100mm				
BRANCH VERSION	1 ~ 2(Optional)	1 ~ 2(Optional)	1 ~ 2(Optional)	1 ~ 2(Optional)	1 ~ 4(Optional)	1 ~ 4(Optional)	1 ~ 4(Optional)	1 ~ 4(Optional)
OPTIONAL WORKBENCH	2/3/4-Axis control workbench, Galvanometer scanning workbench, 5-Axis Or Gantry workbench, Robot,etc.							