

iBA-FH series

The iBA-FH series ultrasonic welding machine is equipped with ultrasonic digital generator and controller. Ultrasonic welding equipment with the sixth generation iQS operating system, future-proof, metal mold casting sturdy equipment with precise drive components, in line with the customer's conventional welding requirements of large workpieces, can meet the needs of various large workpieces, with powerful functions, fast welding speed, excellent quality, and improve factory production efficiency.

FEATURES AND ADVANTAGES

- With the 6th generation iQS operation system;
- Built-in scanning gun for data tracing;
- USB-saved welding parameters and QA quality control;
- Mounted lifting motor for structural adjustment, easy to use and effortless;
- Metal die-casted stand column in square structure with high-performance rigidity;
- Modular structures with multiple welding modes designed for the whole series of welders;
- Auto-tuning of ultrasonic frequency, overload protection system and malfunction alarm.



PRDOCUT PARAMETERS

Model	iBA-FH S1545
Frequency accuracy	14.80KHz-15.200KHz
Power	4500W
Triggering Method	Time
Welding Method	Time/Energy
Max working Stroke(mm)	100mm±1mm
Max Welding Time	5s
Booster Amplification ratio	1:4.0
Voltage(V)	AC220V±5% 50/60Hz
Air pressure Range	0.5kgf≤8kgf
Amplitude control	Single stage amplitude
Air pressure control	pressure regulating valve
Frequency adjustment	IGBT Automatic frequency chasing
Weld area	Per material/shapes, not more than 300mm

(We preserve the right to update the above specifications in case of any improvement of the products, we will not otherwise inform due to above change.)