



Intelligent Turntable Induction Brazing Equipment



Intelligent Turntable Induction Brazing System Technical Data

Product Model	KQZT-120	Working Stations Quantity	8 Groups 16 Stations
Welding Beat	(8-15S) /2Pics	Operator Request	1 person
High Frequency Heater Model	Full Digital KQ-40D	Induction Heater Quantity	2 Sets
Load Material Form	Manual feeding automatic welding	Unloading Material Form	Manual or Automatic blanking
Display Screen Size	10-inch touch screen	High Frequency Machine Model	DSP full digital Control
Segmented Heating	5 sections	Store Products Quantity	8 kinds
Max. Power	50KW	Max. Input Current	80A
Rated Power	30KW	Rated Current	45A
Motor Type	Servo motor	Maximum Lift Stroke	200cm
Inductor Lifting Speed	100mm/s	Elevation Accuracy	0.1mm
Tooling Base Type	Special ceramics	Tooling Base Type Quantity	16 Pics
Nitrogen Protection Function	Equiped	Air Cooled Function	Equipped with air cooling
Water Cooling Function	Independent water cooling system	Lighting Function	Stations, switch box lighting
Working Table Material	Aluminum alloy	Water Tank Type	304 stainless steel
Equipment Overall Size	1450*1600*2360mm	Equipment Weight	400Kg
Industrial Chiller	3P	Water Quality Requirement	Unfouled purified water
Cooling Water Flow	4L/Min	Cooling Water Pressure	4-8 Bar
Cooling Water Max. Inlet Temperature	35℃	Cooling Water pH	7.0-9.0

Ketchan Intelligent Turntable Induction Brazing Equipment

Intelligent turntable induction brazing equipment is Zhengzhou Ketchan to solve the refrigeration accessories brazing welding specially developed an energy-saving and efficient brazing equipment. It has the advantages of high welding efficiency, good melting depth, high yield, easy operation, heating position far from the operator and so on. As soon as it is put into the market, it has been highly appraised and recognized by the majority of our users. After product generations upgrades and improvements. At present, it has been standardized and mass produced. Mainly used in air conditioning pipe fittings welding, automotive pipe fittings welding, bathroom fittings welding and other fields.



Load Material

Ketchan turntable induction system normal with manually load material, equip with one operator. Operators only need to place the product in the appropriate position to carry out automatic welding. There is no need to manually adjust the equipment parameters. The product parameters are well set, the corresponding product parameters can be called out when working.



Automatic Brazing Welding

After the turntable is set to the automatic welding mode, the operator will place the to be welded products on the corresponding tooling, and the turntable will automatically rotate to the next testing station. Automatic welding, air cooling, water cooling and material receiving functions will be carried out when products are detected at the testing station. If no welding product is detected, it will automatically rotate but no longer running the next steps.



Unloading Material

Turntable equipment unloading material is divided into two kinds: One is automatic unloading, you can choose robot unloading, And also choose automatic device. Self-unloading material is suitable for assembly line operation. Using robot unloading material can be flexible docking next station. The other is artificial material collection, In the case of simple welding products, loading and unloading can be performed by the same operator.



High Yield

When you need a large amount of welding production, Ketchan turntable induction brazing equipment is your best choice. Not only can meet your production needs, but also can save labor costs, convenient for management. No matter what products you do we can design a full range of welding program for your applications.



High Quality

Turntable induction brazing equipment has the incomparable deep penetration effect of automatic flame brazing and manual brazing. Induction brazing of pipe joints can reach the deepest penetration. Also the induction brazing time is short the surface joint is less oxidized. The grain size of copper tube is also better than that of flame welding.



Energy-saving, good environment and safety

Turntable induction brazing has more advantages than flame automatic brazing in energy saving and convenience. Turntable induction brazing only starts high frequency machine when brazing, the rest time was in standby mode. And the turntable flame brazing, in the whole process, whether welding product or not, the flame has been always in a burning state. A lot of gas is wasted, low energy conversion rate. In the environmental protection induction brazing basically does not produce pollution gas, also does not need complex gas pipeline, to protect the workers health and safety well.



Good Stability and High Reliability

Ketchan turntable induction brazing equipment, equipped with two digital induction heating power supply, to ensure the welding reliability. Equipped with two sets of servo motors to achieve mobile heating. In addition, the equipment is equipped with air cooling, water cooling, nitrogen and other protection functions. Each part of the equipment has been verified many times in the actual production to ensure the equipment high reliability and high stability.

