

Portable

High Frequency

Induced Heater



Model PH-15TS

Technical parameter of PH-15TS

Model	PH – 15TS
Input voltage	220V single phase
Input voltage range	180 - 245V
Maximum oscillate power	15KVA
Duty cycle	80%
Output oscillate frequency	20 - 80KHz
Heat oscillate current	200 - 600A
Retain oscillate current	200 - 600A
Heating time	1 - 99 seconds
Retain time	1 - 99 seconds
Cooling time	1 - 99 seconds
Net weight (Controller)	14Kg
Size (Controller)	460 x 200 x 440
Net weight (Transformer)	11Kg
Size (Transformer)	310 x 190 x 330
Cooling water pressure	> 0.2MPa
Cooling water temp	Cooling water flux > 3L/min

Main characteristics:

- 1、 MOSFET and Inverting technologies of First generation been used;
- 2、 Simple structure and light weight;
- 3、 Simple to operate, A few minutes is enough to learn it;
- 4、 Simple to install, Installation can be done by unprofessional person very easily;
- 5、 Advantages of the model with timer: the power and the operating time of the heating period and the retain period can be preset respectively, to realize a simple heating curve, this model is suggested to use for batch production to improve the repeatability;
- 6、 The separated models are designed to fit the dirty surrounding of some cases .

Applications:



Brazing of the diamond blade tool



Brazing of the Machining tools



Brazing of the Micrometer



Brazing of Copper tube



Brazing of the connector



Heat treatment of small parts