

High frequency induction brazing pipes for copper and iron alloys

United Induction Heating Machine Limited

We are experienced in Induction Heating, induction heating machine, Induction Heating equipment. They are widely used in induction heating service, induction heat treatment, induction brazing, induction hardening, induction welding, induction forging, induction quenching, induction soldering induction melting and induction surface treatment applications
<http://www.uihm.com>

High frequency induction brazing is an energy-saving technology. High specific power, which are implemented by induction heating to quickly heat the local area to the brazing temperature 600 - 1200 ° C, spending at the lowest energy in the process compared to conventional gas heating methods.

Stainless steel pipes are joined by brazing induction brazing HDTV in the manufacture of towel radiators and pipes for various purposes.

Pipes and flanges are made of copper, brass and other copper alloys are used mainly in the manufacture of cooling systems of various process units.

View from top

View from inside

Temperature field of induction heating, displayed a thermal imaging unit

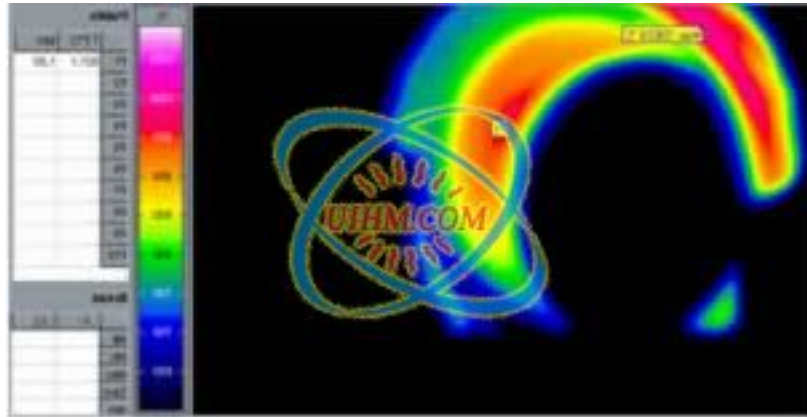
In addition to excessive energy consumption during slow heating of the gas soldering quality is deteriorating due to lower efficiency of flux, heat the adjacent parts, reduced productivity.

Plants for soldering consist of a transistor oscillator TGI capacity of 12, 25 or 40 kW heating unit with an inductor and a snap.

The application of high frequency induction brazing:

windings of electrical machines and transformers, carbide inserts cutting tools, tips rippers, piping, heated towel rails, flanges and end pipes, etc.





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