

Induction Annealing Brazing Wire

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>

Objective: Anneal a brazing wire for preform production.

Material :Copper Nickel Silver 2774 Alloy rod 0.070" (1.8mm) diameter.

Temperature 650°F(343.3°C)

Frequency 281 kHz

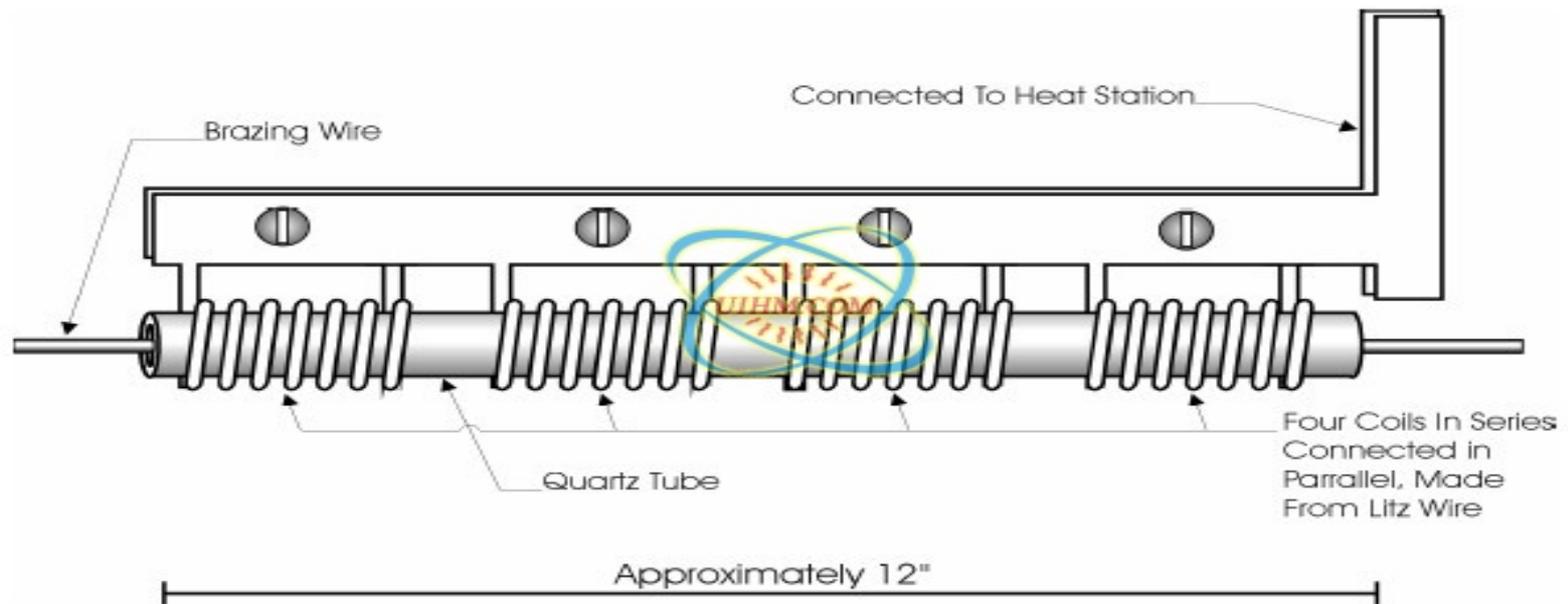
Equipment • UM-06A-UHF induction heating system equipped with a remote workhead with one 1.0 μ F capacitor, and a 4-20mA input controller to aid in voltage ramping.

- An induction heating coil designed and developed specifically for this application.

Process A unique helical coil consisting of four consecutive coils connected in parallel with a quartz tube lining is used to heat the wire to 650°F (343.3°C) for annealing.

Results/Benefits Induction heating provides:

- Higher productivity of 27' (8.2m) per minute
- Reduction in surface oxidation & scaling
- Consistent, repeatable results



service@uihm.com

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