

Induction Soldering Steel Connectors

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>

Soldering Steel Connectors Objective Heat an assembly of small, gold-plated steel connectors to a brass block.

Material Approx. 1/8" (3.2mm) diameter gold-plated steel connectors, 1"(25.4mm) square x 1/4" thick brass block

Temperature 600°F(315.6°C)

Frequency 240 kHz

Equipment • Power of 6kW induction heating system equipped with a remote workhead.

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

Process A two-turn helical coil is used to provide uniform heat to parts assembly. Solder paste and flux are applied to the joint area and power is applied for 20 seconds to solder the parts. Proper fixturing is needed to hold the parts in position.

Results/Benefits Induction heating provides:

- Rapid, localized heating to specific regions of part
- Neat and clean joints
- Flameless processing

Soldering Steel Connectors

service@uihm.com

United Induction Heating Machine Limited

Steel Connectors,
Solder Paste

Induction Coil

