

Induction Soldering wires onto connector

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 wires onto connector Objective Heat connector assemblies for soldering Material Device assembly

Tin plated brass terminals Solder paste

Temperature 500°F (260°C) 5-7 seconds

Frequency 360 kHz

Equipment Power of 6 kW induction heating system equipped with a remote heat station, containing two 0.66 μ F capacitor.

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

Process A single turn helical coil is used to heat the solder paste. The connectors are placed inside the induction heating coil and RF power is applied for 5-7 seconds until the connector heats.

Solder paste is applied to the joint in two ways, stick-fed or manually.

Results/Benefits • Compared to using a manual soldering iron, induction heating precisely applies heat to for higher quality solder joints

• This is ideal for integrating with an automated system. By stick- feeding the solder more aesthetically pleasing parts are produced. Soldering wires onto connector

service@uihm.com

United Induction Heating Machine Limited

