

Provides aerospace level high reliability in interconnection of wires & cables



Widely used in assembly operations of large AWG Wires, Semi-rigid Coaxial Cables and Microwave Coaxial Cables for highly reliable interconnection with Connectors

The Control & Power Unit provides high current at continuously variable low voltage through an isolated transformer. The output voltage is variable upto 2.8 Volt (with no load) through a front panel rotating knob.

This System has heavy duty light weight pliers style Hand-Piece with two carbon electrodes, fixed with allen screws. This rugged Hand-Piece has high temperature resistant handle for operator's comfort. It has very flexible cable with tapered pin type quick connect terminals.

This system has industrial type heavy duty ON/OFF Foot Switch. This ON/OFF Foot Switch provides instant heating for the resistance soldering applications. It also saves electrical energy as power is switched ON only when Foot Switch is pressed.

This System is used for wide applications of resistance soldering where aerospace level of high reliability type interconnections is a basic requirement. Few examples of such applications are assemblies of large AWG size wires with terminals; semi-rigid coaxial cables and flexible microwave coaxial cables with coaxial connectors.

Specifications:

- Power Unit Power : 250 Watt
- Connection type : Taper Pins
- Handpiece Cable : 5 foot
- Input Power : 230VAC, 50 Hz
- Total Weight : 4.4 kg approx.

Model 10506-220 consists of:

- 105A12 Power & Control Unit
- 105158 Handpiece with Carbon Electrodes
- Foot Switch

Resistance Soldering Technology

Heat is instantaneously generated by passing high amperage current through a resistive material.

Advantages are:

- Resistance heating is many times faster.
- Resistance heating hand-piece cool very fast and avoids risk of injury to operator.

Operation

- Switch ON, set temperature range.
- After switching ON, hold the job in between electrodes
- Now press foot switch to get job heated-up.
- Finally apply solder on the joint and Release foot

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