

#### **1.0 Solder station:**

- 1.1 No of channels -03
- 1.2 Wattage -420 Watts (Approx.)
- 1.3 Power supply Rating -230Volts/ 50Hz
- 1.4 Fuse Rating - 230V/50Hz rating suitable fuse.
- 1.5 Temp Control of channels: Soldering and De-soldering irons continuously 50° C – 550 ° C
- 1.6 Temp Accuracy  $\pm 10^{\circ} \text{C}$
- 1.7 Temp stability  $\pm 2.5^{\circ} \text{C}$
- 1.8 Tip to ground resistance : Meets or Exceeds MIL STD 2000/IPC/ J-STD 001E
- 1.9 Tip to Ground Voltage : Meets or Exceeds MIL STD 2000/IPC/ J-STD 001E
- 1.10 Pump Periodicity 30 Seconds ON / 30 Seconds OFF
- 1.11 Max Vacuum 20 Hg
- 1.12 Max Delivery Rate 20L/Min. (Approx.)
- 1.13 Hot air 15L/Min
- 1.14 Display LCD with Backlight
- 1.15 Temp Control Station Programmable buttons
- 1.16 Shall be interface with USB
- 1.17 PC software enables PC connectivity and data logging capabilities
- 1.18 Weight 6.7 kgs ( Approx)
- 1.19 Dimensions ( L\*B\*H) 273\*235\*102 cms ( Approx)
- 1.20 ESD safe : All Tool handles, Cardsets, & Air flow are static free.

#### **2.0 Hot Air Pencils set/ Hot air nozzles**

( along with safety rest with cleaning sponge and nozzle changing tool, suitable adapter for nozzles )

- 2.1 Wattage 200 Watts
- 2.2 Voltage 24 Volts ( $\pm 5\%$ )
- 2.3 Easy exchangeable nozzles
- 2.4 Nozzle size 1.2/3.0 mm
- 2.5 Nozzle type Round
- 2.6 Controlled hot air for non contact soldering and de-soldering of SMDs
- 2.7 Ideal for use with leaded and lead free solders
- 2.8 Temperature Range 200 ° F to 999° F( 90 ° C to 550 ° C) (Approx)
- 2.9 Temperature Accuracy  $\pm 80^{\circ} \text{F}$  (25 ° C) (Approx)
- 2.10 Easily replacement with Irons and Pencils
- 2.14 ESD SFE : All tool Handles, Cardsets and Air flow are static free.
- 2.15 Finger switch on the handle controls the ON / OFF function.

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**3.0 De-soldering Iron set :**

( Along with safety rest with cleaning sponge, spare nozzles, glass tube, mineral filter, gasket for glass tube and nozzle cleaning tool)

- 3.1 Wattage 80 Watts
- 3.2 Temperature Range 200 ° F to 850° F (90 ° C to 500 °C) (Approx) .
- 3.3 Tips (OD 2.3 mm / ID 1.0 mm) Similar to DX 112 Tiplet
- 3.4 Type Replaceable type soldering pencils
- 3.5 Voltage : 24 Volts ± 5%
- 3.6 Inline De-soldering Iron
- 3.7 For vertical handle
- 3.8 Electronic temp control system
- 3.9 Micro finger switch controls quick start, fast action vacuum pump
- 3.10 Desoldering nozzle fixture system.

**4.0 Soldering Iron**

(Along with LT-B chisel type soldering tip and comfort type safety rest with cleaning sponge )

- 4.1 Excellent performance for leaded and lead free soldering applications
- 4.2 ESD safe to protect sensitive components
- 4.3 Low voltage temperature controlled soldering Irons
- 4.4 Wattage 80 Watts
- 4.5 Voltage 24 Volts ± 5%
- 4.6 Temperature Range 200 ° F to 850° F (90°C to 500°C) ( Approx)
- 4.7 Tips LTB
- 4.8 Type Replaceable type soldering pencils

**5.0 Vacuum pick up pen**

- 5.1 For handling small electronic components
- 5.2 Pocket clip for portability
- 5.3 Adjustable vacuum upto 225mm Hg.
- 5.4 Light weight
- 5.5 ESD safe design
- 5.6 Picks and places SMD chips, SOICs, QFPs
- 5.7 In buit vacuum pump.

**6.0 USB cable and software**

- 6.1 CD with suitable USB Software and operating instructions manual , USB cable shall be supplied

**7.0 PCB holder & stand**

- 7.1 Suitable Integrated Hot air pencil stand with PCB holder.
- 7.2 Made with Alluminium material
- 7.3 Size of PCB 380\*380mm ( Approx)

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**8.0 Tip activator :**

- 8.1 For regeneration of solder tips. Proper use will prolong lifetime of tips.
- 8.2 Environmentally safe.

**9.0 Cutting pliers:**

- 9.1 Ergonomically shaped handles prevent hand fatigue.
- 9.2 DX/XDS/XDSL tiptets are easy to change

**10.0 Pre Heater :**

- 10.1 Heating Power 600Watts
- 10.2 Temperature Range 50°C -350 °C
- 10.3 Plate area 130\*130mm ( approx)

**11.0 Illuminated Magnifier with LEDs**

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