

We are a leading and also pioneer in developing for the first time in India a soldering station with imported ceramic heater element with micro controller based and de-soldering stations and digital rework stations which are a must for any R & D lab and production facility. After carefully studying for over a decade, and with due consultation with different customers in labs, production, R & D, after years of trial and error, a very unique table top work station, which has unbelievable nine different operations with which operator can rework any sort printed circuit efficiently. (SMD + PTH REWORK). The Units we have developed have very unique features and also with high utility and very long life, perhaps these units are serviceable for the first time in indigenous industry.



Order Code 72001(60W) & 72002 (90W)  
 Soldering Station with  
 Indigenous Heater (60-90W)

Irons / Stand

Order Code 72003  
 Soldering Station  
 with Japanese Ceramic heater

**Specifications:**

Temperature Range	:	180-480°C
I/P Voltage	:	190-270VAC
O/P Voltage	:	24 VAC
Max Power	:	60 -90 Watts
Time to temperature Rising		
From ambient - 350°C	:	45 Sec.
Heater Type	:	Ceramic
Tip to ground Resistance	:	<0.2 Ohms
Tip to ground potential	:	<2mV
Auto Sleep Function	:	No
Temperature Lock mode	:	Optional
Application	:	High Mass Components & Solar PV Cells

**Specifications:**

Temperature Range	:	180-480°C
I/P Voltage	:	190-270VAC
O/P Voltage	:	24 VAC
Max Power	:	60 Watts
Time to temperature Rising		
From ambient - 350°C	:	45 Sec.
Heater Type	:	Ceramic
Tip to ground Resistance	:	<0.2 Ohms
Tip to ground potential	:	<2mV
Auto Sleep Function	:	No
Temperature Lock mode	:	Optional
Application	:	General

**Special Features :**

- Auto turn PID Control Circuit
- Ease of operation
- Set/ Read of Operation
- Separate switches for increase & decrease of temperature, after two seconds the actual read of temp will display
- Intelligent Power management auto stand by on mains interruption to save power
- Temperature control accuracy  $\pm 1^\circ\text{C}$
- If sensor fails power to the element is shut off
- Burn proof silicon cable thermal resistance up to 600 °C

**Accessories :**

- |     |                            |       |
|-----|----------------------------|-------|
| 01. | Control Unit -----         | 1 No. |
| 02. | Stand-----                 | 1 No. |
| 03. | Soldering Iron Handle----- | 1 No. |
| 04. | Cleaning Sponge-----       | 1 No. |

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**

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Order Code 72004  
Soldering Station  
with Japanese Ceramic heater

Irons / Stand

Order Code 72005 (100W)  
Lead Free Soldering  
Station

**Specifications:**

Temperature Range	:	180-480°C
I/P Voltage	:	190-270VAC
O/P Voltage	:	24 V AC
Max Power	:	60 Watts
Time to temperature Rising		
From ambient - 350°C	:	45 Sec.
Heater Type	:	Ceramic
Tip to ground Resistance	:	<0.2 Ohms
Tip to ground potential	:	<2mV
Auto Sleep Function	:	No
Temperature Lock mode	:	Optional
Application	:	General

**Specifications:**

Temperature Range	:	180-480°C
I/P Voltage	:	190-270VAC
O/P Voltage	:	30 V AC
Max Power	:	100 Watts
Time to temperature Rising		
From ambient - 350°C	:	25 Sec.
Heater Type	:	Ceramic
Tip to ground Resistance	:	<0.2 Ohms
Tip to ground potential	:	<2mV
Auto Sleep Function	:	Yes
Temperature Lock mode	:	Optional
Application	:	Lead Free Soldering

**Special Features :**

- Auto turn PID Control Circuit
- Ease of operation
- Set/ Read of Operation
- Separate switches for increase & decrease of temperature, after two seconds the actual read of temp will display
- Intelligent Power management auto stand by on mains interruption to save power
- Temperature control accuracy  $\pm 1^\circ\text{C}$
- If sensor fails power to the element is shut off
- Burn proof silicon cable thermal resistance up to 600 °C

**Accessories :**

- 01. Control Unit -----1 No.
- 02. Stand-----1 No.
- 03. Soldering Iron Handle-----1 No.
- 04. Cleaning Sponge-----1 No.

Note: Specifications are subject to change.

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**Order Code 72006**  
**De-Soldering Station**

**De-Soldering Station**

**Specifications:**

Input Voltage	:	190 V to 270V
Output Voltage	:	24V AC
Wattage	:	70 Watts
Temp range	:	180 - 480°C
Temp Accuracy	:	± 1 °C
Tip to ground potential	:	Under 2M.V
Tip to ground Leakage	:	Under 2
Vacuum	:	600 mm/Hg.

High Quality 24V DC Pump with 4000 RPM

**Accessories :**

01. Control Unit -----1 No.
02. Soldering Iron-----1 No.
03. De-Soldering Iron -----1 No.
04. Combined Soldering &  
De-Soldering Stand -----1 No.
05. Power Cord-----1 No.

**Tool Box Containing :**

- 01 Primary Filter -----15 Nos
02. Secondary Filters -----5 Nos
03. Silicon Washer Set -----1 Set
04. Glass Tube-----1 No.
05. Nozzle Cleaning Spring -----1 No.



**Order Code 72007**  
**Soldering &De-Soldering Station**

**Soldering &De-Soldering Station**

**Specifications:**

Input Voltage	:	190 V to 270C
Output Voltage	:	24V AC
Soldering Wattage	:	60 Watts
De-Soldering Wattage	:	70 Watts
Temp Range	:	180 - 480°C
Temp Accuracy	:	± 1°C
Tip to ground potential	:	Under 2MV
Tip to ground Leakage	:	Under 2
Vacuum	:	600mm/Hg

High Quality 24V DC Pump with 4000 RPM

**Accessories :**

01. Control Unit -----1 No.
02. Soldering Iron-----1 No.
03. De-Soldering Iron -----1 No.
04. Combined Soldering &  
De-Soldering Stand -----1 No.
05. Power Cord-----1 No.

**Tool Box Containing :**

- 01 Primary Filter -----15 Nos
02. Secondary Filters -----5 Nos
03. Silicon Washer Set -----1 Set
04. Glass Tube-----1 No.
05. Nozzle Cleaning Spring -----1 No.

Note: Specifications are subject to change.

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Order Code 72008  
SMD Rework Station

**SMD Rework Station  
(SMD Hot Air)**

**Specifications:**

Input Voltage	:	220 V AC
Power Consumption	:	300 Watts
Air Pump	:	Diaphragm type
Capacity	:	24 L/min
Hot Air Temperature	:	200 to 550
Temp Accuracy	:	± 1°C

Motor will switch off automatically after reaching 100°C when the element is switched off

**Accessories : 2 In One Unit**

- 01 Control Unit -----1 No.
- 02. SMD Hot Air Iron -----1 No.
- 03. Soldering Iron -----1 No.
- 04. Soldering Iron Stand -----1 No.
- 05. SMD Hot Air Stand -----1 No.
- 06. Single Hole Nozzle -----1 No.



Order Code 72009  
Digital Rework Station  
3 in one

**Soldering & De-Soldering Station**

**Specifications:**

Input Voltage	:	190 V 270V
Output Voltage	:	24V AC
Soldering/De-Soldering (W)	:	60 / 70 watts
Temp Range	:	180-480°C
Temp Accuracy	:	± 1°C
Tip to ground Potential	:	Under 2 MV
Tip to ground Leakage	:	under 2
Vacuum	:	600mm/Hg

High Quality 24V DC Pump with 4000 RPM

**SMD Hot Air**

Input Voltage	:	220 V AC
Power consumption	:	300 Watts
Air Pump	:	Diaphragm Type
Capacity	:	24 L/min
Hot Air Temperature	:	200 to 550
Temp Accuracy	:	± 1°C

Motor will switch off automatically after reaching 100°C when the element is switched off

**Accessories :**

- 01. Control Unit -----1 No.
- 02. Soldering Iron -----1 No.
- 03. De-Soldering Iron -----1 No.
- 04. SMD Hot Air Iron Combined Soldering & de-Soldering Stand -----1No.
- 05. SMD Hot Air Stand -----1 No.
- 06. Power Cord -----1No

**Tool Box Containing**

- 01 Primary Filter -----15 Nos
- 02. Secondary Filters -----5 Nos
- 03. Silicon Washer Set -----1 Set
- 04. Glass Tube -----1 No.
- 05. Nozzle Cleaning Spring -----1 No.
- 06. Single Nozzle -----1No.



Order Code 72010  
Digital Rework Station  
4 in one

**Soldering & De-Soldering Station**

**Specifications:**

Input Voltage	:	190 V to 270V
Output Voltage	:	24V AC
Soldering Wattage	:	60 Watts
De-Soldering Wattage	:	70 Watts
Temp range	:	180-480°C
Temp Accuracy	:	± 1°C
Tip to ground potential	:	Under 2MV
Tip to ground Leakage	:	Under 2
Vacuum	:	600mm/Hg
High Quality 24 DC Pump with 4000RPM		
SMT Tweezer	:	2 x 25 watts

**SMD Hot Air**

Input Voltage	:	220V AC
Power Consumption	:	300 Watts
Air Pump	:	Diaphragm Type
Capacity	:	24 L/min
Hot Air temperature	:	200 to 550
Temp Accuracy	:	± 1°C

Motor will switch off automatically after reaching 100°C when the element is switched off

**Accessories :**

- 01. Control Unit -----1 No.
- 02. Soldering Iron -----1 No.
- 03. De-Soldering Iron -----1 No.
- 04. Combined Soldering & De-Soldering Stand -----1 No.
- 05. SMD Hot Air Iron -----1No.
- 06. SMT Hot Tweezer Handle -----1 No.
- 07. SMD Hot Air Stand -----1 No.
- 08. Hot Tweezer Stand -----1No.
- 09. Power Cord -----1No

**Tool Box Containing**

- 01. Primary Filter -----15 Nos
- 02. Secondary Filters -----5 Nos
- 03. Silicon Washer Set -----1 Set
- 04. Glass Tube -----1 No.
- 05. Nozzle Cleaning Spring -----1 No.
- 06. Single hole Nozzle -----1No.

Note: Specifications are subject to change.

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Order Code 72011  
The Complete Rework Station

### The Complete Rework Station

#### General Features:

- Accurate and advanced temperature, control with micro controller technology
- Set/Read of Operation
- Separate of increase & decrease of temperature, after two seconds the actual read of Temperature will display
- Intelligent power Management auto stand by mains interruption to save power
- Temperature control accuracy  $\pm 1^{\circ}\text{C}$
- If sensor fails, power to the element shut off
- The unit designed for digitally calibration thru advanced software
- Burn Proof silicon cable thermal resistance up to  $600^{\circ}\text{C}$
- Power full DC Pump with 4000 RPM

#### Features

- Clear LCD Display
- Nine Simultaneously Operations, all nine Ops Independent
- Completely Indigenously developed
- The Mini Lab Features in a tabletop Unit

#### System Includes:

- |     |  |   |                |
|-----|--|---|----------------|
| 01. | Soldering Station                          | : | 24V / 60W      |
| 02. | De-Soldering Stations                      | : | 24V / 70W      |
| 03. | Thermal wire Stripper                      |   |                |
| 04. | DC Power Supplies                          | : | 1.5V to 18V DC |
| 05. | SMD Hot Air (with Built in Vacuum Pick Up) |   |                |
| 06. | SMT Hot Tweezer (2 x 25W)                  |   |                |
| 07. | Electric Screw driver                      |   |                |
| 08. | Machine Center (Micro Drilling, Milling.)  |   |                |
| 09. | Auto Range Multimeter                      |   |                |

#### Soldering & De-Soldering Irons:

Input Voltage	:	190 V to 27V
Output Voltage	:	24V AC
Soldering element	:	60W
De-Soldering element	:	70W
Temp range	:	180-480 Deg.C
Temp Accuracy	:	$\pm 1$ deg.c
Tip to ground Potential	:	Under 2MV
Tip to Ground leakage	:	Under 2 E
Vacuum	:	600mm/Hg.

High Quality 24 V DC Pump with 4000 RPM

#### SMD Hot Air

Input Voltage	:	220V AC
Power Consumption	:	300 W
Air Pump	:	Diaphragm Type
Capacity	:	24 L/ min
Hot Air Temperature	:	200 to 550 Deg. C
SMT Tweezer	:	2 x 25 W
Thermal Wire Stripper	:	1.5V / 1Amps
Quick heat Up	:	With in 2 Seconds
Stepless increase of Temperature (Soft PVC to tough PTFE//Teflon)		
Electric screw driver		
Machine Centre		
DC power Supplies	:	1.5V - 15V DC / 1Amps
Auto Range Multimeter		

Note: Specifications are subject to change.

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