



# Rework System (Soldering, Desoldering & SMD hot air) Nvis 84



## Features

- Accurate and advanced temperature Control with micro controller technology
- User-friendly operation
- Set / Read of temperature
- Increase and Decrease of keys to set temperature once set the read temperature will display after two seconds by default
- Temperature control accuracy  $\pm 1^{\circ}\text{C}$
- Last set value of temperature is stored in memory
- Digital calibration will be done through micro controller to avoid analog components tolerances
- Password protection feature to stop tampering with set temperature by the operators for (Bulk Customers)
- Burn proof silicon cable with thermal resistance up to  $600^{\circ}\text{C}$
- To prevent static electric discharge to the printed circuit board
- Safety feature the system is provided with safety feature when the unit is switched "OFF" the pump will release maximum air 24L/min
- Irrespective of the linear position of the air volume control
- The pump will be on till the element temperature reaches safe temperature of  $100^{\circ}\text{C}$
- Which will be flashed on the led display.

## Technical Specifications :

### Soldering :

Power consumption	: 60W
Input voltage	: 190 to 290 V AC

**Temperature range** : 180 to  $480^{\circ}\text{C}$

Temperature stability	: $\pm 10^{\circ}\text{C}$
Temperature accuracy	: $\pm 1^{\circ}\text{C}$ of tolerance at idling time
Tip to ground potential	: under 2 mV
Tip to ground resistance	: under $2\Omega$

### Desoldering:

Desold	: 70 watts
Input	: 170 to 270 V (190 to 290 V AC)
Temperature range	: 180 to $480^{\circ}\text{C}$
Pump	: diaphragm type
Vacuum	: 600 mm/Hg

### For SMD Rework

Power consumption	: 270W
Air pump	: diaphragm pump
Capacity	: 24L/min
Hot air temperature	: 200 to $480^{\circ}\text{C}$
Temperature accuracy	: $\pm 1^{\circ}\text{C}$



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## Included Accessories

### For Rework Stations Soldering And Desoldering

**1 No.**

- Unit 1 No.
- Complete Soldering Handle 1 No.
- Complete Desoldering Handle 1 No.
- Stand 1 No.
- Sponge 2 Nos.
- Fibre Filters(Primary/Small) (Secondary / Big) 10 Nos.
- Cleaning Springs 2Nos.
- Silicon Washers 1 set
- Glass Tube 1 No.
- Mains Cord 1 No.

### SMD Rework

- One Pick Up Tool 1 No
- Single Hole 2.5mm, 5.0mm 2 Nos
- One Square Nozzle 1 No