

# Soldering & Rework Station



## Features:

- Advanced integrated computer provides outstanding thermo-control and thermo-stability for precise temperature control
- Dual LCD displays the working and parameter temperatures
- Quick-to-temp power up
- High flow diaphragm pump is suitable for a variety of nozzles to desolder SMD components
- Automatic shut-off and sleep mode for safety and energy savings
- Convenient buttons on the hand piece allow instant adjustment of temperature and air volume
- Memory stores up to three air and temperature presets

## Apply

Industrial production  
 Research department  
 Maintenance industry  
 Students  
 Electronic assembly  
 All enterprises and institutions

An intelligent, lead-free, and space-saving rework station which combines a rework station and soldering station. It is suitable for advanced hobbyists, repair, rework, and educational use. It is user friendly and a welcome addition to every work bench

## Specifications

Model	21-10130	Intelligent lead-free rework station
Total power	About 900 W (maximum)	Heating : 800 (maximum) pump (diaphragh) : 40 W
Range for temperature controlling	Hot air rework station	100°C to 500°C
	Soldering station	200°C to 480°C
Temperature unit	°C/°F	Convertible
Temperature controlling stability	Static	2°C
Temperature controlling accuracy	Static	10°C
Calibration range	Celsius	-50°C to 50°C
	Fahrenheit	-58°F to 122°F
Setting storage (3 groups)	Rework station	1.2°C, 40 2.3°C 60 3.4°C 80
	Soldering station	1.2°C 2.3°C 3.4°C
Range of air volume	Rework station	020 - 100 level
Dormancy and standby	Rework station	Stopping heating, air-blowing delay and then be in the condition of dormancy
Cold air	Rework station	Air-blowing made by the machine
Malfunction alert	Heating elements	Displaying H-E
	Sensor	Displaying S-E
Shutdown	Shutdown in the normal condition	Cold air delay shutdown, power off

[www.element14.com](http://www.element14.com)  
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## Specification for Soldering Iron:

Input voltage	: 220V AC / 110V AC
Power consumption	: 50W
Measurement	: 240mm × 40mm × 60mm
Gross weight	: 0.125Kg
Compatible for	: AT936B,21-10130 (AT8502D)

## Safety and Caution

The temperature of the hot-air nozzle is 400°C so it may lead to injury, fire and other accident because of improper usage. Please abide the following terms:

1. Don't make the rework station be against people or animals. And never use it as a hair drier and touch the heating element or blow the skin directly
2. Never operate it near the flammable gas or substance and put it beside them after use
3. After use, the power should be off and it will be automatically off when the hot air temperature is lowered, (There is fuse inside, so great attention must be paid to superheat in case of accident)
4. Please care for using hot-air gun, never make it fall or shake heavily and put the heavy things on it or press the buttons improperly
5. Don't operate with wet hands or wet wire in order not to result in short circuit or electronic shock
6. Keep away from children
7. Please use the nozzle offered by manufacture and don't replace the original nozzle
8. Temperature will vary from the models of the nozzles, which is normal
9. Don't touch the iron tip or surrounding metals
10. Change the components or tip after cutting off power and waiting to cool it
11. Don't use this device do other work except soldering
12. Don't rap the handle to remove the doss of tip, which is bad for it
13. Don't pull the cable but hold tightly the plug when you take out of plug
14. Please keep good ventilation because there is smoke when solder
15. Don't play with other people or would be easy to hurt others or yourself

## Characteristics

1. MCU computer offers PID advanced algorithms industrial control with thermo-control and thermo-stability, which makes more exactly control temperature
2. Dual LCD screen respectively and separately display the working state and parameter, which is very directly. So customer can understand the output state at a glance
3. Temperature rapidly rises with large output power
4. High flow diaphragm pump suitable for varies of nozzles to desolder SMD components
5. Dormancy, automatic shut down and other power-saving features
6. Shortcut keys on the handle make it more convenient for the user to adjust temperature and air volume
7. Three groups of storage functions can bring very fast mode of switching different groups of temperature and hot-air volume to the customers
8. All units are equipped with temperature compensation, which ensure stable state of operation
9. Indicator for malfunction alert

# Soldering & Rework Station



## Installation

The brackets for the handles must be installed when operating for the first time. Please see the following illustration:

1. Please fix the bracket by tightening the four screws according to the illustration and your personal habit
2. According to your selection, dismantle the two screws on the left or the right, which fix the bracket of the handle
3. Place the two installation hole of the bracket to the two fixed screw holes of the machine, and then tighten the dismantled two screws. Put the components of the handle on the bracket to check if it is suitable

## Warning

This tool be placed on its stand when not in use. The instructions for heat guns and hand-held paint strippers shall include the substance of following: A fire may result if the appliance is not used with care, therefore be careful when using the appliance in places where there are combustible materials: Do not apply to the same place for a long time; Do not use in presence of an explosive atmosphere; Be aware that heat may be conducted to combustible materials that are out of sight ; Place the appliance on its stand after use and allow it to cool down before storage; Do not leave the appliance unattended when it is switched on.

## Part Number Table

Description	Part Number
Soldering Iron, 60W, 220V/110V	AT907-936B
Soldering & Rework Station, ESD, UK+EU	21-10130 UK+EU

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