

# AT8502D

ESD  
SAFE

## 2-in-1 Intelligent Lead-free LCD Digital Rework Station

### Applicable

- Electronic industry
- Thermoplastic soldering
- Maintenance
- On-site soldering for PVC/PE/PP/PVDF etc.
- Education and Practice

Package list	Standard Packing:
Main Unit : 1 PCS	Inner box : 35.5x33x20(CM)
Hot Air Gun: 1 PCS	N.W.: 5.5kgs
Gun Holder: 1 PCS	G.W.: 5.8kgs
Iron Handle Set: 1 PCS	Carton: 4PCS/Carton
Iron Stand: 1 PCS	Size: 68x38x42 (CM)
Cleaning Sponge: 1 PCS	N.W.: 21.9kgs
AC Cord: 1 PCS	G.W.: 23.2kgs
Nozzle: 4PCS	
Manual: 1PCS	



Quad-wire stainless steel heater



Nozzles



550W heater



### Features:

- MCU and PID algorithm controlled temperature be more accurate.
- Soldering iron and hot air station integrated to save space.
- Dual High definition LCD display to show various parameters make operation convenient.
- Digital temperature calibration and switchable temperature units make it versatile.
- Diaphragm pump with high pressure make it suitable for various nozzles.
- Intelligence cooling system and deferred power-off function to extend handpiece lifespan.
- Patented heater for obtaining fast heating-up and extending lifespan.
- Three preset buttons to switch between different temperature and air grades combinations.
- Automatic standby function to save more energy.
- Intelligent malfunction prompt to let user locate causes fast and accurately.

### Specification:

Voltage: : AC (100V/110V/120V||220V/230V/240V)  
50/60Hz(Optional)

Total power consumption: **700W**

Display manner: Dual LCD display

**--Hot air desoldering station--**

Temperature range: 100 ~ 500℃

Standby approach : place hot air gun on holder

Pump: diaphragm pump

Noise: < 52dB(A)

Air flow grades: 020 ~ 100 grades

Air flow : 23L/min ( MAX )

**--Soldering station--**

Power consumption: 50W

Temperature range: 200℃ ~ 480℃

Temperature stability:  $\pm 2^{\circ}\text{C}$  ( still air, no load )

Temperature accuracy :  **$\pm 10^{\circ}\text{C}$**

Tip to ground impedance : < 2 $\Omega$

Tip to ground potential: < 2mV