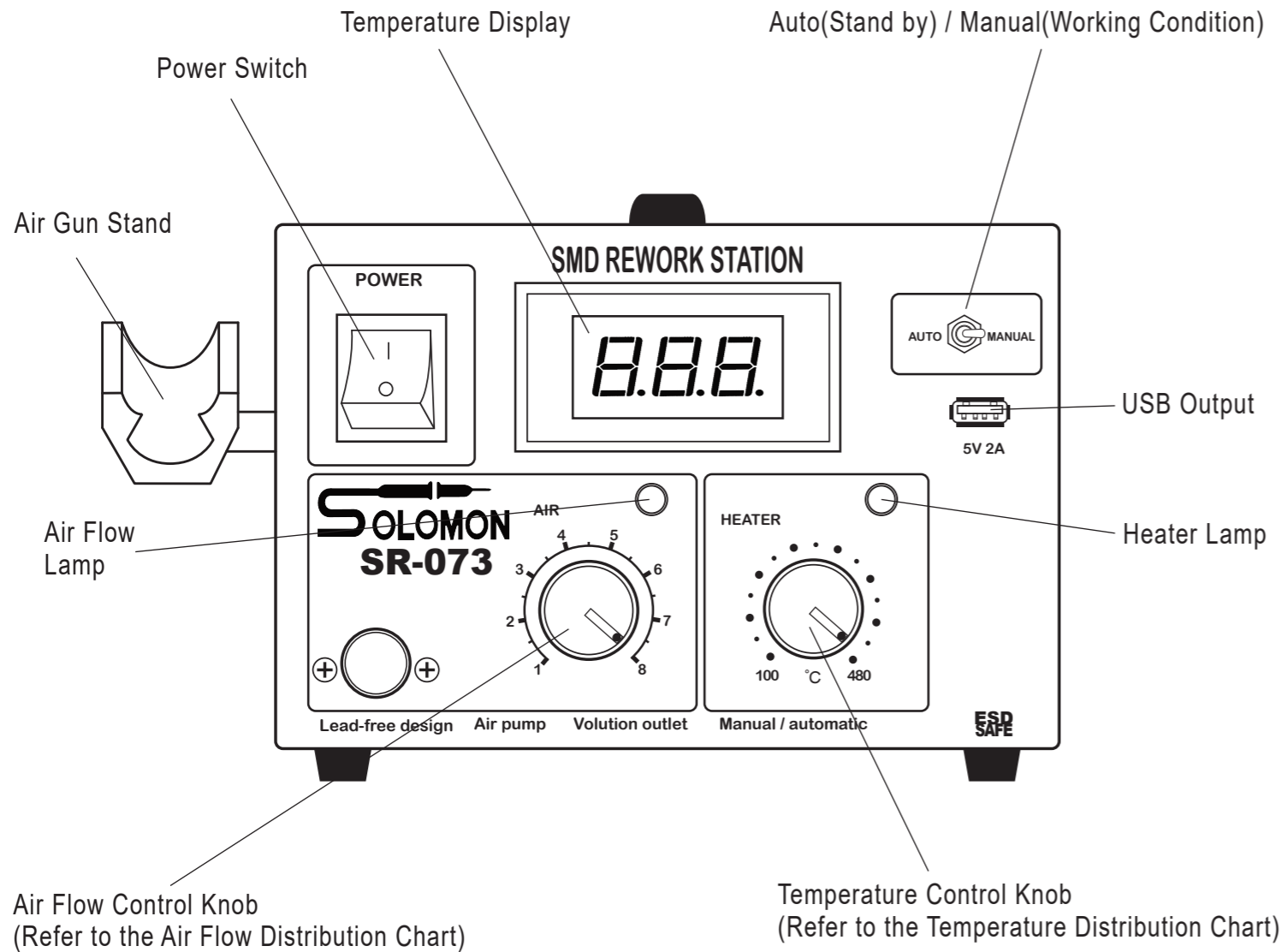


SOLOMON INSTRUCTION MANUAL

SR-073 SMD REWORK STATION



Warning!

Using the machine, the following basic measures should be abide, avoid electric shock or cause injury or damage caused by fires.

- ★ 1. In order to ensure the personal safety, when the machine work is completed, please unplug the power cord.
2. To ensure personal safty, must use the original approval or recommendation of the parts, otherwise it will lead to serious consequences.
3. Machine failure must be by professionals or the company designated personnel for repair.
4. This product is grounded three-wire plug, must be inserted within the threehole grounded outlet, do not change the plugs or use ungrounded three adapter made it bad grounded.
5. When the hot air gun or soldering station is turned on, its temperature all has the possibility to amount to above 400 degrees. Do not use it near flammable gas, objects. Tube and the heat emitted very hot, can burn the body, don not bouch the hot pipe and direct injection to heat the human body.
6. Hot air gun is turned on, do not leave the jobs site.
7. Do not install nozzle when the hot air gun is turned on. It must be installed after the heating pipe and the gun are cooling down.
8. Please keep inlet and outlet air flow, it can not be clogging.
9. After used, remember cooling the station, the handle should be released into the handle frame, then shut down the machine to sleep.
10. The machine welding will take smoke, please do proper ventilation.

Specification

Model	SR-073
Input voltage	AC 220V / AC 110V
Power	≤550W
Heater type	Skeleton
Airflow type	Diaphragm pump
Airflow value	≤24L / min
Temperature range	100°C ~ 450°C
Temperature stability	±1°C
Shows type	LED / display
Handle line	≥100cm
Noise	≤45dB
Work Environment	0 ~ 40°C
Storage Environment	-20 ~ 80°C
Storage humidity	35% ~ 45%



Thank you for choosing this type of unsoldering Equipment with Hot Air. The product is designed for soldering and unsoldering without lead. Please read the User Guide thoroughly before use, and keep it in a safe place for future reference.

Usage

1. Rework for a variety of components such as: SOIC, CHIP, QFP, PLCC, BGA, etc.
(Especially for phone cable and welding cable split seat)
2. For shrink, drying, paint, adhesive removal, thawing, warm, and plastic welding.

Operating Instructions

1. Put the air gun on the air gun stand.
2. Connect the power
3. Equipment required nozzle(try to using bigger nozzle).
4. When turn on SR-073 enters working mode, LED shows “---”, rework station is standby.
5. Rotate the temperature control knob to set the working temperature.
6. Picked up the handle, the station will enter normal heat welding working station.
Air volume adjustment knob to the right airflow, after waiting for temperature stability it can normal operation.
7. SR-073 work is completed, the handle must be placed on the holder. And then the station will cut off the hot air automatically to send cold air cooling heating mode. When the temperature less than 100, LED display “---” that machine will enter standby mode.
8. Long termed not used must be cut off the power.

Note:

If it possible make use of low temperature and large air volume, that good for save heating element of the life and safety disoldering IC chip.

Set up the Temperature and Airflow

1. LED digital display microcomputer-based hot air reowrk station:
* In the energized, rotating the temperature control knob temperature. The LED will display set temperature. After two seconds, real-time temperature display shows “---” into standby(The handle should be on the holder).
2. After set up the temperature, adjust the air flow to the right to work.

Explanation of symbols


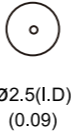
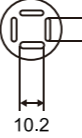
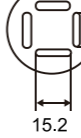
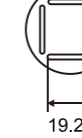
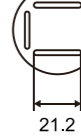
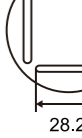


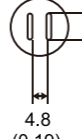
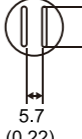
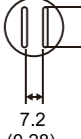





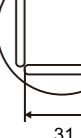
1. Shows “---” mean the air temperature less 100°C, the station enter standby and the gun should be on the holder.
2. Shows “ S-E ” mean the station sensor have problem should be replaced the heater (Heating material and sensor components).
3. When working, the display temperature less than 50°C, and no longer to heat up, that the heater may be damaged and need to replace the heating element(heating material and sensor components).

Terms of Use

1. Hot air rework station and surrounding the outlet may have a very high temperature, should be careful to guard against burns.
2. Heating, the handle must be on the holder, not be placed on work surfaces or other places.
3. Please keep the air gun not have obstructions.
4. After work, must turn off the power, SR-073 gun handle must be placed on the holder, the machine automatically cooled to below 70°C (into standby), and then turn off the power switch.
5. When using outlet should be kept the distance with the goods at least 2mm, as per outlet to calculated.
6. As work requirements, choose the appropriate nozzle, different nozzle, different temperature.

OPTION PARTS mm(inch)

“The size in Name/Specification indicates the size of IC package.”

	A1124 Single	A1125 QFP 10x10 (0.39X0.39)	A1126 QFP 14x14 (0.55X0.55)	A1127 QFP 17.5x17.5 (0.68X0.68)	A1128 QFP 14x20 (0.55X0.78)	A1129 QFP 28x28 (1.1X1.1)
	 Ø2.5(I.D) (0.09)	 10.2 (0.4)	 15.2 (0.6)	 19.2 (0.72)	 21.2 (0.83)	 28.2 (1.11)
	A1130 Single	A1131 SOP 4.4x10 (0.17X0.39)	A1132 SOP 5.6x13 (0.22X0.51)	A1133 SOP 7.5x15 (0.3X0.59)	A1134 SOP 7.5x18 (0.3X0.7)	
	 Ø4.4(I.D) (0.17)	 4.8 (0.19)	 5.7 (0.22)	 7.2 (0.28)	 7.2 (0.28)	
	A1135 PLCC 17.5x17.5 (0.68X0.68) (44Pins)	A1136 PLCC 20x20 (0.78X0.78) (52Pins)	A1137 PLCC 25x25 (0.98X0.98) (68Pins)	A1138 PLCC 30x30 (1.18X1.18) (84Pins)		
	 18.5 (0.73)	 21 (0.83)	 26 (1.02)	 31 (1.22)		