

AOYUE[®]

INT 893

Hot Plate System

INSTRUCTION MANUAL

Thank you for purchasing Aoyue Int893 Hot Plate System.
It is important to read the manual before using the equipment.
Please keep manual in accessible place for future reference.

**ESD
SAFE**

Manufacturer:
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This manual is designed to familiarize and instruct the operator with the proper usage and maintenance of the equipment. The "Care and Safety Precautions" section explains the hazards of using any type of soldering or reworking device. Please read carefully and observe the guidelines in order to maximize usage and minimize the risk of injury or accidents .

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OPERATING GUIDELINES

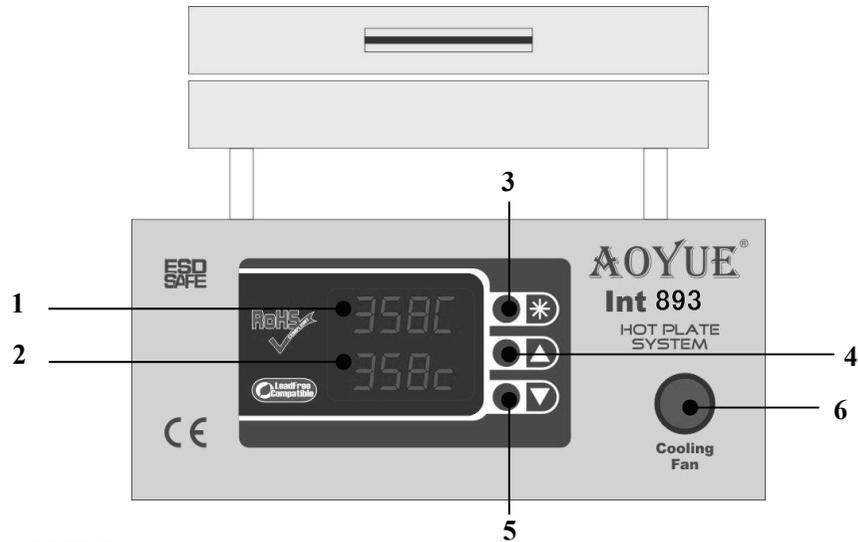
IMPORTANT REMINDERS:

1. Make sure the equipment is placed on a flat stable surface.
2. Ensure all terminal connections are properly secured.

IMPORTANT: Please refer to the **CONTROL PANEL GUIDE** page for buttons and display panel directory.

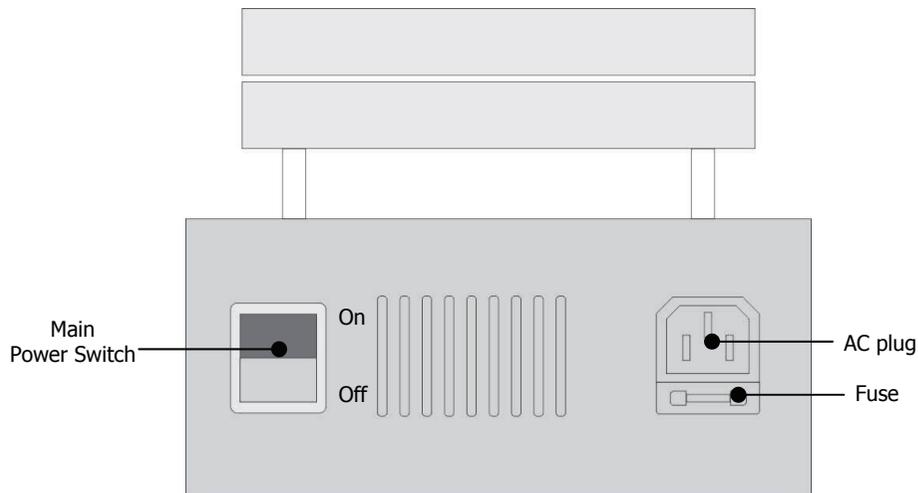
1. Plug the device to the main power source using the power cord provided in the package.
2. Switch ON the device by activating the main power switch located at the back.
3. The display panel will show the actual temperature on the Actual temperature display ("1" on control panel guide) while the set temperature display ("2" on control panel guide) would show "OFF". The system will remain at this state until the user activates a function. The hot plate heating element is not activated at this state.
4. To start the hot plate function press the hot plate activation button. ("3" from the control panel guide)
5. The display would show the set temperature on the set temperature display ("2" from the control panel guide). While the actual temperature display ("1" from the control panel guide) would show the actual temperature.
6. Adjust the set temperature using the increase and decrease set temperature button. ("3&4" of the control panel guide).
7. Reflow soldering/ pre-heating process may be done when the desire temperature has been reached.
8. To enable/disable the cooling fan function simply press the cooling fan button. ("6" from the control panel guide).
9. To disable the heating element while using the cooling plate and cooling fan function simply deactivate the hot plate function by pressing the hot plate function button ("3" from the control panel guide). The Actual temperature display would show the temperature of the hot plate while the set temperature display would show the word "OFF" indicating the hot plate heater is turned off.

CONTROL PANEL GUIDE



LEGEND:

- 1 — Actual Temperature Display
- 2 — Set Temperature Display
- 3 — Hot Plate Function Button
- 4 — Increase Set Temperature Button
- 5 — Decrease Set Temperature Button
- 6 — Cooling Fan ON/OFF Button



Back Panel

FEATURES

Features:

- Microprocessor-controlled equipment.
- Digital display of actual and set temperature.
- Digital tactile touch type controls for precision and ease of use.
- Dual plate system design.
- Hot plate equipped with two heaters for rapid heat up.
- Cold plate designed with cooling fins and fan exhaust for quick cooling.
- Suitable for lead-free and standard processes.

SPECIFICATION

MAIN STATION	
Power Input :	available in 110V / 220V
Station Dimensions:	190(w) x 155(h) x 265(d) mm
Weight:	3.2 Kg
Power Consumption:	500W
Temperature Range:	80°C - 380°C
Heating Element:	Resistance Heater

Specifications are subject to change without prior notice.

PACKAGE INCLUSIONS

1 unit Int 893 Main Station

1 pc. Instruction Manual

1 pc. Power Cord

SAFETY PRECAUTIONS



CAUTION: Improper usage can cause serious injury to personnel and/or damage to equipment. For your own safety, please observe the ff. precautions.

- Check each component after opening the package to make sure everything is in good condition. If there are any suspected damage, do not use the item and report the issue to your vendor.
- Turn OFF the main power switch and unplug the device when moving the device from one location to another.
- Do not strike or subject the main unit to physical shock. Use carefully to avoid injury and damage to any part.
- Handle with care.
 - Never drop or sharply jolt the unit.
 - Contains delicate parts that may break if the unit is dropped.
- Make sure the equipment is always grounded. Always connect power to a grounded receptacle.
- Temperature may reach as high as 380°C when switched ON.
 - Do not use the device near flammable gases, paper and other flammable materials.
 - Do not touch heated parts, which can cause severe burns.
 - Do not touch metallic parts near the tip.
- Disconnect the plug from the power source if the unit will not be used for a long period.
 - Turn off power during breaks, if possible.
- Use only genuine replacement parts.
 - Turn off power and let the unit cool before replacing parts.
- The unit may produce a small amount of smoke and unusual odor during initial usage. This is normal and should not yield any negative result when reworking.
- Soldering process produces smoke — use on well ventilated place.
- Do not alter the unit, specifically the internal circuitry, in any manner.