

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The specific instructions related to the safe operation of this appliance (as given in 7.12 of this standard) shall be collated together in the front section of the user instructions.


The height of the characters, measured on the capital letters, shall be at least 3 mm.

These instructions shall also available in an alternative format, e.g. on a website.

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.

Rohs

Correct Disposal of this product	
	This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Manufacturer:

AOYUE International Limited

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<http://www.aoyue.com>

AOYUE[®]

SP1800 / SP4000

Mini-Solder Pot

INSTRUCTION MANUAL

Thank you for purchasing Aoyue Solder Pot system.
It is important to read the manual before using the equipment.
Please keep manual in accessible place for future reference.

**ESD
SAFE**

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.

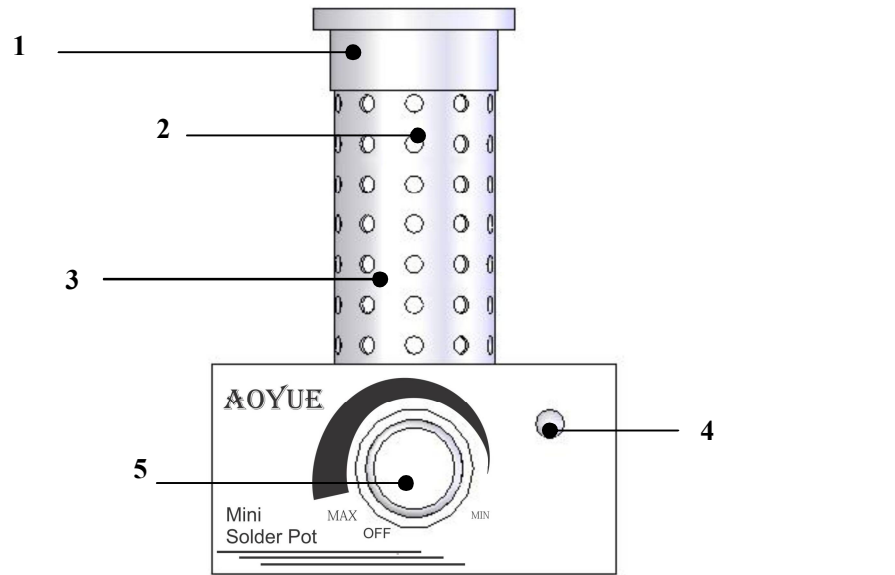
A. Solder Pot

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 turning Power selector knob clockwise until a click is heard.
3. Wait for the solder pot to heat up, some smoke may be generated during initial heat up this is normal, please use unit in a well ventilated area.
4. Place solder into solder pot and wait for it to melt. Once solder has melted adjust power lower by turning the knob clockwise to lower the temperature of the top for maximum efficiency.
8. After usage turn knob fully counterclockwise until a click is heard.
9. Wait for solder pot to cool before storage.

For tinning solder tips, stranded wires and pre-tinning small electrical parts:

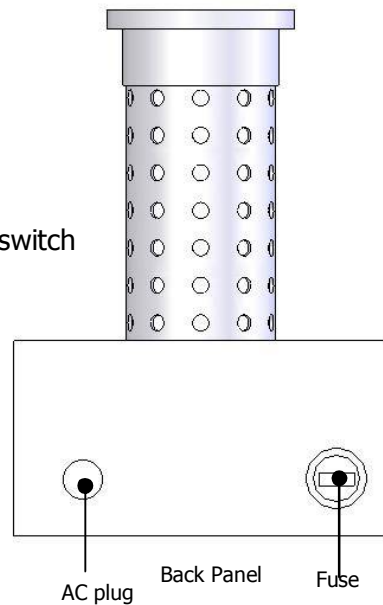
- Prepare the items to be tinned. Ensure items are clean and free from unwanted dirt or oil.
- Use tweezers or pliers to hold small components and briefly dip the tip of the components into flux then into the solder pot.
- When all the work is finished. Switch off the main power.

CONTROL PANEL GUIDE



LEGEND:

- 1 — Mini solder pot
- 2 — Heating Element
- 3 — Heating Element enclosure
- 4 — Power LED indicator
- 5 — Power selector knob with ON/OFF switch



PRODUCT DESCRIPTION

The SP1800 / SP4000 Mini-Solder Pot, is a highly versatile lead free compatible solder pot for desktop use.

The system is equipped with a high powered heating element allowing fast heat up and melting of solder. The large power control knob allows easy adjustment and setting of power.

PRODUCT FEATURES

- Power control.
- Suitable for lead-free and standard processes.
- Small size allows for easy handling and storage.
- Heats up quickly.
- Great for tinning wires or stripping off insulation coating.

PACKAGE INCLUSIONS

1 unit Main Station

1 pc. Instruction Manual

SPECIFICATION

SP1800	
Power Input :	available in 110V / 220V
Station Dimensions:	100(w) x 100(d) x 140 (h) mm
Weight:	0.88 Kg
Power Consumption:	120W
Solder Capacity:	5 cm ³
Heating Element:	Ceramic Heater

SP4000	
Power Input :	available in 110V / 220V
Station Dimensions:	100(w) x 100(d) x 140 (h) mm
Weight:	1.1 Kg
Power Consumption:	160W
Solder Capacity:	10 cm ³
Heating Element:	Ceramic Heater

Specifications are subject to change without prior notice.

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 480°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.