



SOLDERING STATION

ASE-1119

User's Manual



Thank you for choosing AKTAKOM soldering station.

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On first use the soldering iron may produce smoke, this is just grease used in manufacturing burning off, it is not harmful to the product or user.

1. Safety Instructions

The construction of the soldering station meets Protection Level I. Ensure the earth conductor is not disconnected and the product is only connected to earthed sockets.

Keep electrical appliances and accessories away from children! They are not toys.

Never use the product immediately after it has been brought in from the cold into a warm room.

Condensation might destroy your device; Wait until the product is at room temperature before use.

Never touch the appliance with damp or wet hands, there is the risk of a dangerous electrical shock.

Make sure to have sufficient ventilation while soldering, solder or solder flux can be harmful.

Wash your hands thoroughly after working with solder containing lead, do not let solder containing lead cross your lips; do not eat during the work.

The power cables (power cable and cable to soldering iron) have to be protected against heat and sharp edges.

Wear appropriate protective clothing and safety goggles while soldering.

Do not touch any other area but the handle when the soldering iron is working. It is very hot!

Do not leave children alone in the presence of the soldering iron.

Soldering must be done on non-combustible surfaces. Make sure any material in the vicinity can not be damaged by the heat.

When the device can no longer be operated safely, disconnect it immediately and secure it against being operated unintentionally.

It can be assumed that safe operation is no longer possible if:

- the device exhibits visible damage
- the device no longer works
- it has been stored for a long time under unfavorable conditions
- the device was exposed to extraordinary stress caused by transport.

2. Operation

1. Unpack the soldering station and check all parts. Damaged parts may not be put in to operation.

2. Put the holding rack for the soldering iron sideways in the soldering station, wet the cleaning sponge in the sponge rack with water.

3. Put the soldering iron tin the holding rack

Place the soldering station on a solid and dry surface

4. Connect the mains plug to a socket and turn on the soldering station by using the power switch (I=ON / O=OFF). When turned on, the power switch is lit.

Always put the soldering iron on the holding rack when it is heating up or during breaks from soldering.

Make sure the contracts for soldering on the work place are clean.

Only use solder for electronics. Acidic solder can damage the soldering tip or the work piece.

Regulate the desired temperature of the soldering iron with the adjusting knob.

The color-coded areas are equal to following temperatures:

Yellow — approx. 150°C

Orange — approx. from 150 to 270°C

Red — approx. from 270 to 480°C

For lead solder choose the start of the first red segment (approx. 270-360°C), for silver solder use the beginning of the second red segment (approx. 320-420°C).

For larger soldering tip adjust the temperature up wards to perform the soldering as fast as possible and as long as necessary.

Lower the temperature during breaks, this saves energy and extends the durability of the soldering tip.

Wait about 2-3 minutes until the soldering tip reaches the adjusted temperature, test the temperature by touching the soldering tip with solder, if the solder melts away easily you can start soldering.

Tin the hot soldering tip with solder; wipe off excessive solder on the wet cleaning sponge.

Heat up the soldering location with the soldering tip and add solder. Let the soldering point cool down.

Clean the soldering tip on the wet sponge after each soldering.

After finishing the soldering, put back the soldering iron in the rack and turn off the soldering station at the main switch.

Do not file off the soldering tip, or it will be damaged.

Never touch the hot soldering tip.

Let the soldering iron cool down after use.

The soldering iron may not be dunked into water.

During breaks, the soldering iron has to be placed in the holding rack.

1. Handle the heated soldering iron with extreme care, as the high temperature of the iron can cause fire or painful burns.

2. The first time you use the soldering iron, it may smoke slightly as the heating element dries out. This is normal and should only last for approx. 10 minutes.
3. Never file the specialty-plated tip.

3. MAINTENANCE

This tool must be placed on its stand when not in use.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

TIP REPLACEMENT

Note: Tip replacement or cleaning should be done only when the iron is at room temperature or below. The tip can be changed or replaced simply by unscrewing the knurled nut barrel assembly.

The station must be switched off and allowed to cool before and during this operation, as damage may occur if the system is left on without the tip inserted, after removing tip, remove any oxide dust that may have formed in the tip retaining area of the barrel. Be careful to avoid getting dust in your eyes. Replace the tip and screw the retaining knurled nut barrel assembly using only hand pressure to tighten. Pliers should only be used to tighten the nut if loosening occur when the iron is hot to avoid burning your fingers. Do not over tighten as this would damage the element.

GENERAL CLEANING

The outer case of the iron or station may be cleaned with a damp cloth using small amounts of liquid detergent. Never submerge the unit in liquid or allow any liquid to enter the case of the station. Never use solvent to clean the case.

1. The appliance is not a toy, and must be kept out of children's hands.
2. Before cleaning the appliance or changing the filter, always remove the power lead plug from the socket. Unscrewing the housing is not permitted.
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.