



## *Temperature Controlled Soldering Station*

# ASE-1128

### User's Manual



## Features

This soldering iron station is suitable for soldering and desoldering SMDs (surface mounted devices) that require diverse power levels. The control dial is used to set the required power level. The soldering tip reaches a temperature of approx. 450 °C (842 °F).

For safety and approval purposes (CE), you must not rebuild and/or modify this product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can cause hazards such as short circuiting, fire, electric shock etc. Read the instructions carefully and keep them. Make this product available to third parties only together with its operating instructions.

## Specifications

- Power supply: 110-130 V/AC, 50 Hz or 220-240V/AC, 60Hz
- Power consumption: 8 watts
- Soldering iron Voltage: 12V
- Temperature range: approx. 100 - 450 °C (212 - 842 °F)

## Accessories

- Soldering Station
- Soldering iron
- Soldering iron holder
- User manual

## Safety Instructions

The device is not a toy. Keep it out of the reach of children and pets.

This device is not intended to be used by persons (including children) with reduced physical, sensory or mental abilities or lack of experience and / or lack of knowledge unless they are supervised by a person responsible for their safety or have received instructions on how to use the device.

- Children should be supervised to ensure that they do not play with the device.
- Do not leave packaging material lying around carelessly. These may become dangerous playing material for children.
- Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gases, vapors and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product:
  - is visibly damaged,
  - is no longer working properly,
  - has been stored for extended periods in poor ambient conditions or
  - has been subjected to any serious transport-related stresses.
- Please handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.

Before plugging in the device, verify that the information on the product's rating plate correspond with your household power supply.

- The mains outlet must be located near to the device and be easily accessible.
- Never pull the mains plug from the socket by pulling at the cable. Always pull it from the mains socket using the intended grips.
- Unplug the device when it is not in use.
- For safety reasons, always unplug the device in case of a thunderstorm.
- Make sure that the mains cable is not squeezed, bent, damaged by sharp edges or put under mechanical stress. Avoid excessive thermal stress on the mains cable from extreme heat or cold. Do not modify the mains cable. Otherwise the mains cable may be damaged. A damaged mains cable can cause a deadly electric shock.
- Do not touch the mains cable if it is damaged. First, power down the respective mains socket (e.g. via the respective circuit breaker) and then carefully pull the mains plug from the mains socket. Never use the product if the mains cable is damaged.
- To prevent risks, damaged power cables may only be replaced by the manufacturer, a professional workshop appointed by the manufacturer, or a similarly qualified person.
- Do not fasten any objects to the soldering iron station, never cover the soldering iron station, fire hazard!
- Never plug in or unplug the mains plug when your hands are wet.
- Never pour any liquids over electrical devices or put objects filled with liquid right next to the device. If liquid or an object enters the interior of the device nevertheless, first power down the respective socket (e.g. switch off circuit breaker) and then pull the mains plug from the mains socket. Do not operate the product anymore afterwards, but take it to a specialist workshop.
- Never use the product immediately after it has been brought from a cold room into a warm one. The condensation generated could destroy the product. The power supply unit also involves danger to life by electric shock! Allow the device to reach room temperature before connecting and using it. This may take several hours.
- The soldering tip becomes very hot. Do not touch it.
- Always set down the hot soldering iron on a heat-resistant surface. Set down the soldering iron and its tip using the provided metal stand.
- After use, allow the product to cool down to room temperature.
- It is intended for indoor use only. Do not use it outdoors. Contact with moisture, e.g. in bathrooms, must be avoided under all circumstances.
- Never submerge the product in water or other liquids. Risk of electric shock!
- For installations in industrial facilities, follow the accident prevention regulations for electrical systems and equipment of the government safety organization or the corresponding authority for your country.
- Do not inhale any vapors. Vapors are harmful. Only work with a flue.
- Consult an expert when in doubt about operation, safety or connection of the device.
- Maintenance, modifications and repairs are to be performed exclusively by an expert or at a qualified shop.
- If you have questions which remain unanswered by these operating instructions, contact our technical support service or other technical personnel.

## Operations

- Place the device on a clean, horizontal, safe, stable and heat resistant surface.

- Check whether the on/off switch on the back of the device is off.
  - The soldering iron together with the soldering tip and the connection cable form one unit. Connect the connection cable's round plug to the socket on the front of the soldering iron station.
  - Remove the plastic cover from the soldering tip and insert the soldering tip into the spiral holder on the soldering iron station.
  - Connect the power plug to an appropriate power outlet.
  - Turn on the soldering iron station. The power indicator on the front of the device lights up red.
  - Turn the control dial clockwise to the desired power level.
  - Begin the soldering job as soon as the device has heated up sufficiently. Do not operate the device continuously at the highest power level. After a maximum of 15 minutes of continuous operation at the highest power level, turn the control dial to the medium power level to prevent the soldering tip from overstraining.
  - During breaks or after completing a job, put down the soldering iron in the spiral holder on the soldering iron station with the soldering tip facing downward. Turn the control dial to a low power level during breaks.
  - Switch the on/off switch to turn off the device.
  - Unplug the device and allow it to cool down sufficiently at a safe location.
- Only a specialist who is familiar with the risks and relevant regulations may carry out repairs / open the housing. Before starting to clean or maintain, the device must be disconnected from the mains. Allow the device to cool down sufficiently.

## 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 solvents to clean the case.

## Warning

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.



Watch video



ASE-7011 Soldering fan



Soldering Temperatures Guide