

Thank you for purchasing our equipment. Please read this manual carefully and heed the safety warnings and instructions before installing, using or repairing the equipment. This will ensure not only the protection of persons, but also the long life of the equipment.

TECHNICAL PARAMETERS

Voltage	230V, 50 Hz
Power	48 W
Temperature range	160-480 °C

GENERAL INFORMATION

- Compact for carrying and easy to operate equipment.
- 2 step clamps rotatable 360 degrees for different sizes of components and boards.
- Excellent heating performance with advanced heating elements, much better than traditional heating elements.
- Supplied with a softer and heat-resistant silicone soldering cable.

WARNING

- Persons with limited physical, sensory or mental abilities must not use the device unless they are supervised by a qualified person or instructed by a responsible person on how to use the device for their safety.
- Do not leave packaging materials within the reach of children.
- Do not leave the device unattended when switched ON. Keep away from children when using the device. Do not allow children or persons who need supervision to use the device.
- Do not use the device or its power cord if it is damaged.
- Do not route the power cord around sharp edges or over hot surfaces.
- The soldering tip gets very hot during operation, do not touch it.
- Take extra care when using the soldering iron near flammable materials.
- Place the soldering station on a firm, flat surface.
- Harmful fumes can escape during soldering. Only work in well-ventilated areas or under a suitable air extraction system.
- Protect your eyes and body with appropriate protective equipment when using.
- When not in use or before cleaning, switch off the device and remove the plug from the socket.
- Do not pull the power cord, always grasp the plug itself.
- Allow the unit to cool before cleaning or storing.
- Do not use the device outdoors
- Do not immerse the device in any liquids. Do not use the unit to heat plastics or liquids.
- Do not disassemble the device or attempt to repair it yourself. It does not contain parts that you could repair yourself.

CONTROL AND MAINTENANCE

1. Unpack the soldering station and check all parts. Damaged parts must not be put into operation.
 2. Place the soldering iron stand in the soldering station, moisten the cleaning sponge in the sponge stand with water.
 3. Place the soldering iron in the stand
 4. Place the soldering station on a firm and dry surface.
 5. Plug the mains plug into a socket and switch on the soldering station using the switch (I=ON/O=OFF).
 6. Always place the soldering iron on the stand when it is heating up or when taking soldering breaks.
- Make sure that the contacts and soldering surfaces are completely clean.
 - Use the soldering iron only for Electronics.
 - Reduce the temperature during breaks to save energy and extend the life of the soldering tip.
 - Wait about 5 minutes until the soldering tip reaches the set temperature, test the temperature by touching the soldering tip with the solder, if the solder melts easily, you can start soldering.
 - Touch the tip of the soldering iron to the tin. If the tin melts easily, you can start soldering. Wipe off the excess material with a damp sponge.
 - Heat the soldered area and apply tin
 - When you have finished working with the solder, let it cool down properly.
 - After each soldering, clean the soldering tip on a wet sponge.
 - When soldering is complete, put the soldering iron back in the stand and turn off the soldering station with the main switch.
 - Do not wound the soldering tip, otherwise it will be damaged.
 - The soldering iron must be placed in the stand during breaks.

CHANGING THE TIP

Note: Only replace or clean the tip at room temperature. The tip can be replaced simply by unscrewing the knurled nut head.

Before and during this operation, the station must be switched off and allowed to cool down. Damage could occur if the unit is turned on without the tip inserted. After removing the tip, remove all dirt and dust in the area of the tip location.

Be careful not to get dust in your eyes. Replace the tip and screw in the assembly with the knurled locknut. Tighten by hand only to avoid overtightening and damage. Use pliers only in exceptional circumstances and take extra care not to damage the equipment.

CLEANING OF EQUIPMENT

- The outer cover of the soldering iron or soldering station can be cleaned with a damp cloth using a small amount of liquid detergent.
- Never immerse the device or its parts in liquid.
- Never use solvents for cleaning.

NOTICE

- The device is not a toy and must not be placed in the hands of children.
- Always unplug the power cord from the power outlet before cleaning the unit or changing the filter. Unscrewing the cover is not allowed.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental abilities or with insufficient experience and knowledge, unless they have been supervised or instructed in the use of the appliance by a person responsible for their safety.

The product has been issued with a CE declaration of conformity in accordance with the applicable regulations.

On request from the manufacturer: info@solight.cz, or downloadable from www.solight.cz/en.

