Brief instructions

GB

ERSA soldering station

i-CON®

Contents

1. Introduction

These brief instructions are intended as a quick reference guide when working with the I-CON.

These brief instructions do not replace the operating instructions on the accompanying product CD!

You should therefore read the operating instructions before you start to operate the device for the first time. Please pay particular attention to the safety notes listed in these instructions!

Keep all instruction manuals at a place that can be accessed by all users at any time!

1.1 Explanation of symbols

The following symbols are used in these brief instructions:

They are used to highlight any texts containing explanations, information and hints.

- This symbol identifies

- action that is strictly required, or

- instructions that must be strictly complied with.

2. Commissioning

2.1 Unpacking the soldering station

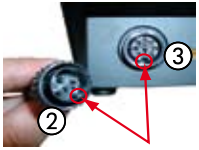
Please check the contents of the package against the delivery note for completeness. Should any of the listed components be damaged or incomplete, you should immediately consult the supplier.

2.2 Placing the soldering station for work

- Place the soldering station in a dry location on a level base, stand the storage quiver next to the soldering station.
- Before switching on, make sure that the mains voltage complies with the value specified on the type plate.
- Check the correct fit of the soldering tip.
- Switch off the soldering station by the mains switch.
- Moisten the viscose sponge with soft water. Do not over wet sponge.

Brief instructions

- Connect the soldering tool with the station ❶. Insert the plug into the socket and lock it to do so. Lay the soldering tool into the holder.



- Ensure correct fit of the plug in the socket. The pin ② in the plug must fit into the groove ③ in the socket..

- Connect the power supply cable with the soldering station and the mains socket ④.

- Switch on the soldering station ⑤.

Attention! Danger of burning! The connected soldering tools will immediately heat up after switching on!

3. Functional description

3.1 Operation

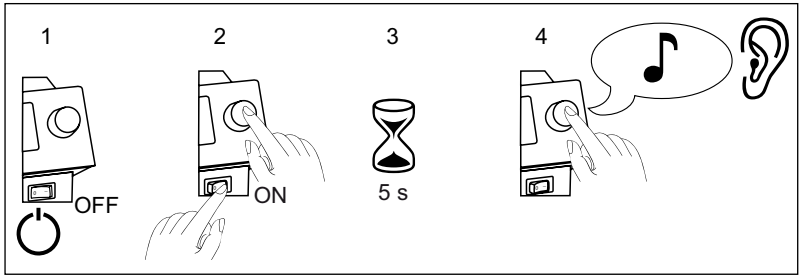
The soldering station is switched on/off a with the switch ① on the front. When the soldering station is switched on, the switch glows red.The soldering station is controlled via a rotary encoder ② with pushbutton function. It is called i-OP.The i-OP makes it possible to select desired functions or to change values. Clockwise turning results in higher values and counter-clockwise turning in lower values. Slow turning effects change in increments of one. Quick turning changes the selected values in increments of 10/50/100 (depending on the corresponding parameter).

The i-OP has an additional pushbutton function. Via this pushbutton function (pushing), the selected parameters and values are confirmed and become effective for the station. All setting steps and measured values are displayed in plain text in a clearly structured display window, which is simply referred to as „Display“.

3.2 Language selection

Please proceed as follows to select the national language:

- Switching off the soldering station
- press and hold the i-OP
- switch the soldering station on again
- keep holding the i-OP, until you hear a „beep“, than release the i-OP.



- Turn the i-OP to select the entry [Change].
- Select the menu option [Language].
- Press the i-OP.
- Turn the i-OP to select the desired national language.
- Press the i-OP.
- Select the menu option [** END **], then press the i-OP.

The national language has thus been changed.

3.3 Adjusting the temperature

- Turn the i-OP to adjust the desired soldering tip temperature.
- Press the i-OP to accept the setting.

3.4 Soldering

- Perform some soldering tests.

If you are not satisfied by the result, you may adjust the parameters to match your requirements. Please read the following sections on this matter.

4. The modes of the I-CON

4.1 The Work mode

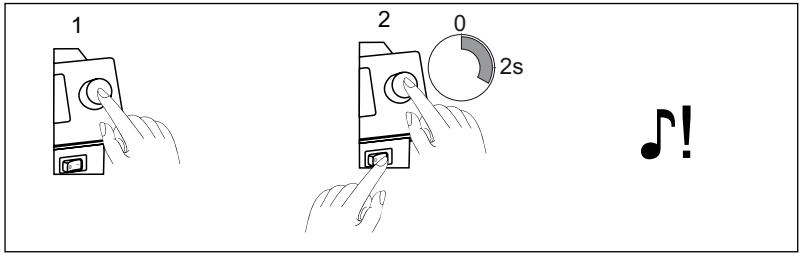
After the station has been switched on, the switch-on dialog is displayed for approx. 2 seconds. This dialog shows the station name ① and the software version ② of the i-CON. After this the station will automatically change to working mode.

4.2 Parameter mode

Push the i-OP (push approx. 2 sec. or push two times successively) in order to activate the parameter mode for the active soldering tool.

4.3 Configuration mode

To reach the configuration mode, keep the i-OP pushed for 5 seconds when you switch on the I-CON.

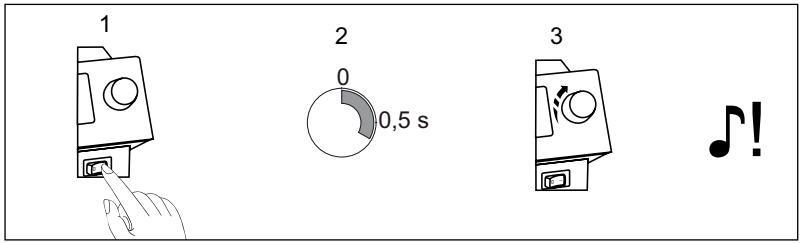


Via a rotary motion and respective pushing, the station can be configured or newly recorded with the factory settings.

4.4 Contrast

Follow these steps to adjust the contrast of the display to the respective work environment:

- Switch on the station and rotate the i-OP immediately. This activates the [Contrast] mode.



The buzzer signals with a beep that the mode is active.

- Adjust the desired contrast by turning the i-OP.
- Confirm your input by pushing the i-OP.

Function overview i-CON

(1) Chip tool, Power tool, Tech tool, Micro tool only (2) all but i-Tool
(3) i-Tool only (4) with i-set Tool only

5. Changing parameter values

Proceed as follows in order to change a parameter value:

- Push the i-OP for approx. 2 sec. or shortly two times in a row in order to open the parameter mode for the active soldering tool.
- Select the desired parameter by turning the i-OP.
- Press the i-OP to activate the cursor, pressing the i-OP subsequently de-activates the cursor.

If the curser is activated, the value of the parameter is changed accordingly when the i-OP is turned. If the i-OP is pushed twice, the parameter mode can be called up or left directly.

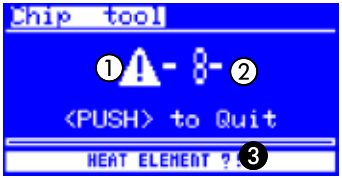
6. Error diagnosis and remedy

6.1 General Errors

If the soldering station does not operate as expected, check the following items:

- Is main voltage present? Correctly connect the mains lead to the device and socket.
- Is the fuse defect? The fuse can be found at the rear side of the device in the mains connecting socket.
- Note that a defective fuse may also indicate a deeper cause of error. Simply changing the fuse therefore generally does not suffice.
- Is the soldering tool correctly connected to the supply unit?

6.2 Error Messages

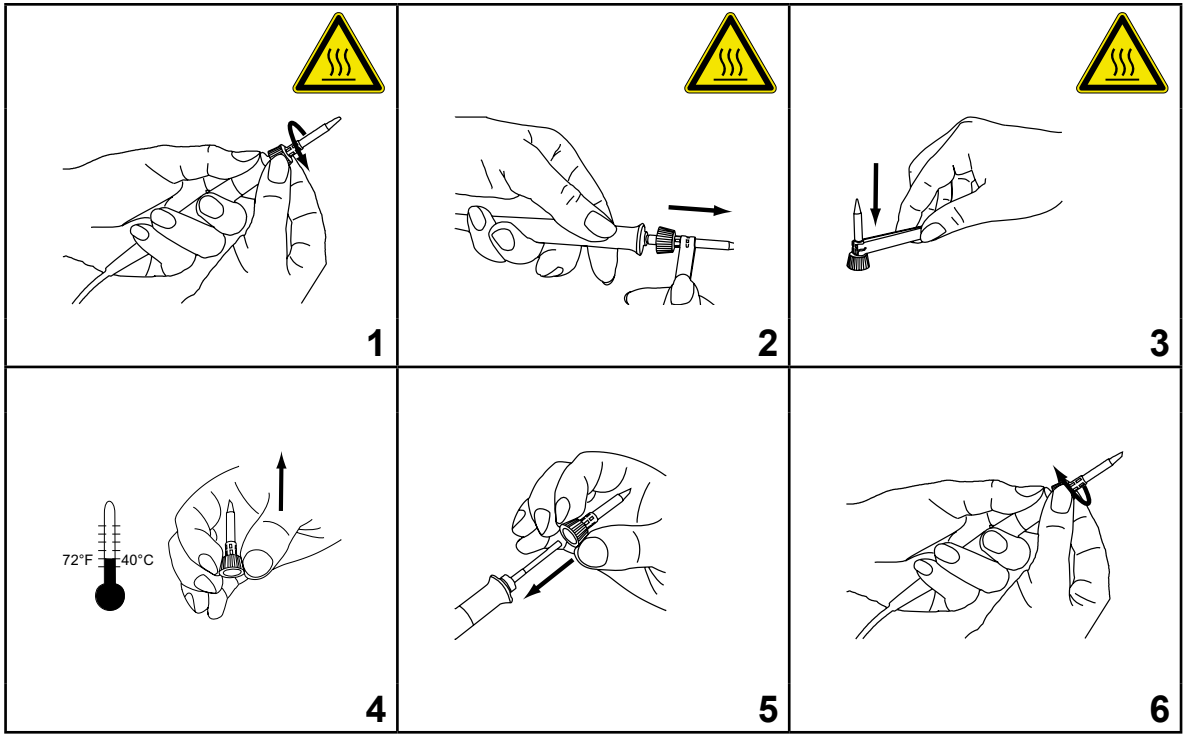


The I-CON carries out an automatic error diagnosis. The result of a diagnosis is displayed as an error code: The triangular pictograph ① appears in the display of the soldering station. The error code ② is displayed as a number between 2 and 99. Additionally, an information text ❸ is displayed in the bottom line.

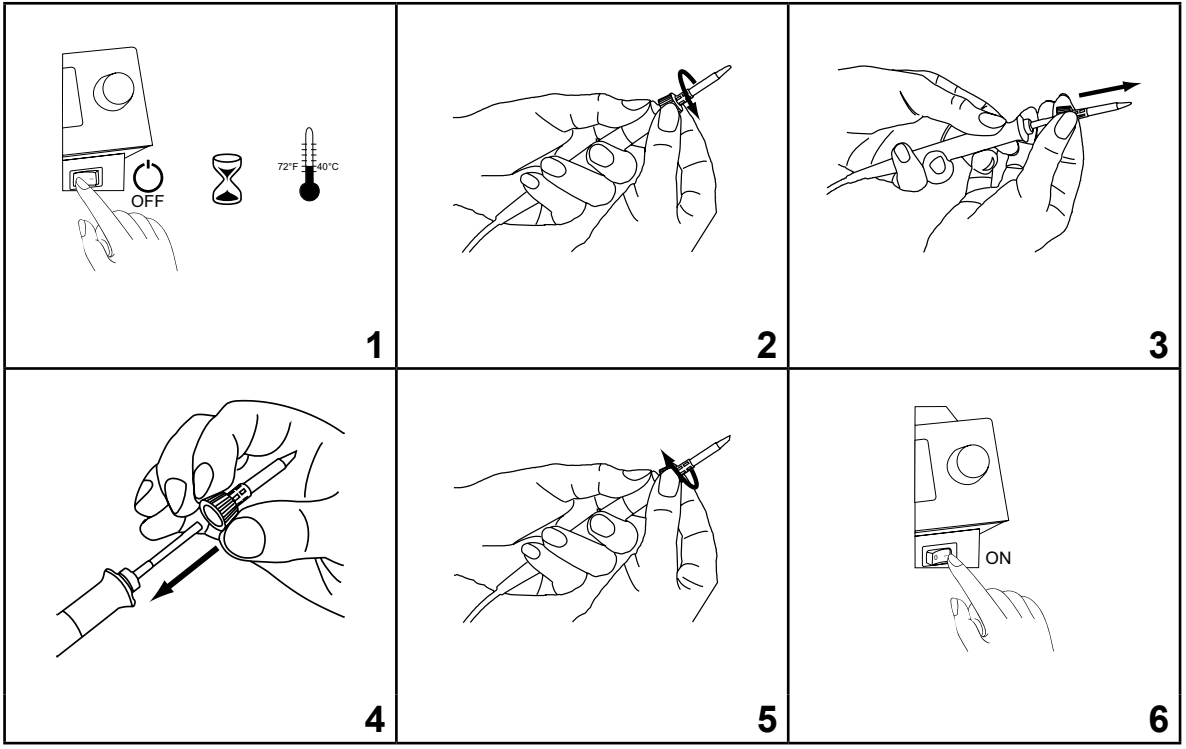
Error codes can be taken from the error code table in the operating instructions. Error messages must be acknowledged through the i-OP. The connected soldering tool will only be heated again, after the fault has been rectified and acknowledged.

7. i-Tool

7.1 Changing the hot soldering tip



7.2 Changing the cold soldering tip



8. Warranty

Heating elements and soldering or desoldering tips are treated as wearing parts, and are therefore not subject to the warranty. Any return of goods must be accompanied by a written description of the material or construction fault that has occurred as well as a confirmed purchase invoice.

ERSA created these operating instructions with careful attention to detail. However, no warranty can be given covering content, completeness and quality of specifications in this manual. The content is continuously maintained and modified to the current conditions.

All data published in this manual, including specifications concerning products and procedures, was determined by us to the best of our knowledge and ability, and using the most modern technical aids. These specifications are non-binding and for informa,tion only; they do not relieve the user from the responsibility of carrying out his own check before operation of the device. We are not liable for violations of patent rights of third parties for usage and procedures without previous express and written confirmation.

We reserve the right for technical modifications with the intention of improving the product. In the context of the legal possibilities, liability for any damage, including direct and indirect damage, which results from the acquisition of this product, is ruled out.