

GLOBAL. AHEAD. SUSTAINABLE.



i-CON 1V with i-TOOL



i-CON 2V with two i-TOOLs



i-CON 2V with i-TOOL and CHIP TOOL VARIO

# i-CON 1V & i-CON 2V

## The industry standard in hand soldering

**Reliable and flexible in professional soldering.** i-CON 1V and i-CON 2V are professional soldering stations for the industrial user. They always supply the required energy for a wide range of soldering tasks - quickly and precisely. The precise temperature control ensures a short heat-up phase and accurate re-heating during soldering. The right soldering tip is available for every application and ensures an optimum heat transfer from the heating element to the solder joint - whether on the 01005 chip or wide chisel-type tips for high-mass applications. The consistent operating concept allows the user to concentrate on the soldering task. Parameter setting is simple due to intuitive one-touch operation and tool-free tip exchange.

Both stations can be operated with the i-TOOL soldering iron and the CHIP TOOL VARIO desoldering tweezers. Alternatively, it is possible to connect other Ersas soldering tools. Unlike the i-CON 1V, the i-CON 2V has two channels so that two tools can be used simultaneously.

For the connection of a solder fume extraction unit or a heating plate, both stations are each available with a corresponding interface. These devices are then controlled centrally via the soldering station. The protection of the application and the soldering station are ensured by a fuse concept and complete ESD capability. The stations are already prepared for future functions: via micro-SD card, firmware updates can be uploaded quickly and easily.

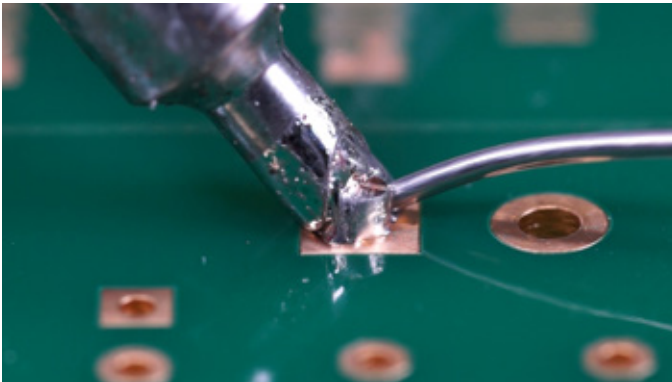
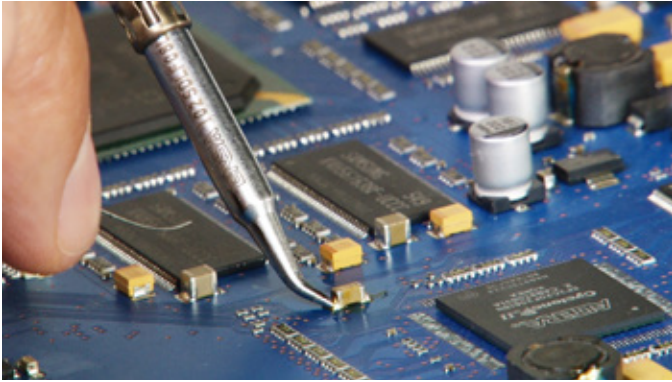
### Technical highlights:

- One-channel or dual-channel soldering and desoldering station
- Temperature control with dynamic power management
- Intuitive One Touch Operation with multifunctional display
- Updates via micro-SD card
- Available with interface to connect a solder fume extraction unit, heating plate or PC
- ESD safe design

MICROCONTROLLER · FINE PITCH PLUG  
PTH POWER COMPONENTS  
AUTOMATION SOLUTIONS · PROTOTYPE BUILDING

TOUCH-UP · SMALL BATCHES · WICKS  
01005 CHIPS · SMT SOLDERING  
THERMICALLY DEMANDING SOLDER JOINTS  
PROFESSIONAL HAND SOLDERING

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### Technical data:

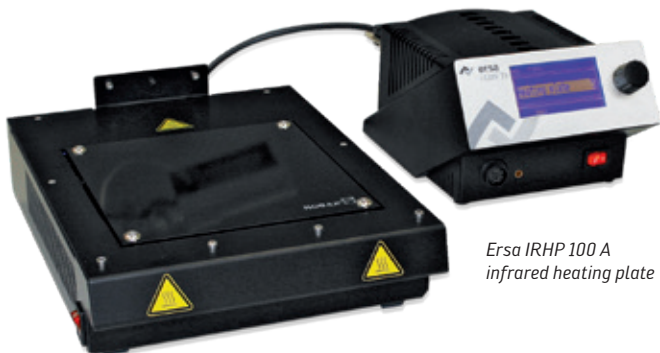
dimensions (W x D x H)	150 x 175 x 105 mm
weight	3,0 kg i-CON 1 V / 3,7 kg i-CON 2V
voltage	230 V AC, 50 Hz
nominal power	80 W i-CON 1 V / 120 W i-CON 2V
design	antistatic
temperature range	50 – 450 °C

### Order information:

Order No.	Description
OIC1100V	i-CON 1V with i-TOOL
OIC1100VCV	i-CON 1V with CHIP TOOL VARIO
OIC1100VOC	i-CON 1V with i-TOOL and interface
OIC2200V	i-CON 2V with i-TOOL
OIC2200VC	i-CON 2V with i-TOOL and CHIP TOOL VARIO
OIC2200VIT	i-CON 2V with two i-TOOLS
OIC2200VOC	i-CON 2V with i-TOOL and interface

#### Accessories

OCA10-001	EASY ARM 1 filter unit for one extraction arm
OCA10-002	EASY ARM 2 filter unit for 2 extraction arms
3CA10-2003	interface cable for EASY ARM 1 and EASY ARM 2
OIRHP100A-03	heating plate 230V, 800 W
OIRHP100A-12	control cable for heating plate



*Ersa IRHP 100 A  
infrared heating plate*



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