

Ersa i-CON VARIO 2 & i-CON VARIO 4 Multichannel soldering and desoldering station



Meets the highest standards in
professional soldering and desoldering
equipment

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Multichannel soldering and desoldering station



i-CON VARIO 4

The i-CON VARIO 4 multichannel soldering and desoldering station meets even the most stringent demands placed on professional soldering and desoldering equipment. This flagship of the i-CON family offers the user four soldering tools for demanding soldering tasks, simultaneously: Flexible soldering and desoldering is provided for by the new, ergonomically designed soldering and desoldering hot air iron i-TOOL AIR S (200 W) with non-contact energy transfer, highly efficient soldering is offered with the i-TOOL, delivering a powerful 150 W, precise desoldering of the smallest SMD components is achieved with the new desoldering tweezers CHIP TOOL VARIO (80 W), and desoldering of leaded components is performed with the new X-TOOL VARIO (150 W). Naturally, attaching other Ersa soldering tools to the stations is possible.

All functions, including the generation of the air and the vacuum required in the process, are bundled in the supply unit, which is equipped with the easily to operate i-Op facility and its clearly arranged displays. In addition, the station makes available interfaces for the Ersa solder fume extractor unit or the infrared preheating unit, as well as featuring an USB port. With a microSD memory card, the station can be quickly and safely configured, so that it is optimally prepared for all applications in professional electronic manufacturing. The station is well suited for the use in ESD protected zones.

i-CON VARIO 2

The i-CON VARIO 2 multichannel soldering and desoldering station offers to the professional user two simultaneously usable soldering tools. In par-

allel to the new, ergonomically designed hot air soldering unit i-TOOL AIR S (200 W) it is possible to operate another soldering tool such as the 150 W i-Tool, the ideal tool for classical soldering applications, or the new developed desoldering tweezers CHIP TOOL VARIO (80 W). Alternatively to these, other Ersa soldering tools may be connected.

The compact, ESD static safe supply unit offers the easy and clearly arranged display, which is in the i-CON family of tools a standard feature. As in the larger i-CON VARIO 4, interfaces for the Ersa solder fume extractor unit or the infrared preheating unit are available, also the method to quickly and safely configure the station with a microSD memory card.

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i-TOOL-AIR S

Ergonomically and easy to handle, strong in the performance! That is an apt description of the i-TOOL AIR S. The slim and light weight hand piece carries a heating cartridge with 200 W power, and permits fatigue-reduced work on a multitude of SMD components. The hot air volume to be delivered can simply be set at the hand piece; the air volume used can be read off at the display of either the i-CON VARIO 2 or the i-CON VARIO 4. The air volume is metered out precisely for attaching even the most delicate chip resistors. To allow to optimally heat up the components, a number of different nozzle geometries can be used. Whenever the unit is removed from its tray, a motion sensor activates the i-TOOL AIR S, and with its IR sensor mounted in the hand piece, it has an auto on/off function.

CHIP TOOL VARIO

The desoldering tweezers Chip Tool VARIO distinguishes itself through the high power it provides (2 x 40 W) as well as its small, compact design. On account of this, it is ideally suited for working with delicate SMD components. The pluggable pair of heating elements can be precisely aligned to each other at the grip, and are easily and quickly exchangeable. A switching element provided for allows for the change over from self-opening to self-closing operation and vice-versa of this precision tool. The CHIP TOOL VARIO has, as is the case with the i-TOOL and the i-TOOL AIR, the proven and reliable motion sensor to activate out of stand-by.

i-TOOL

Ersa's ultra low weight 150 W i-TOOL clearly exceeds the market's expectations for a high-powered, micro soldering iron. With its rapid recovery, the extensive i-Tip soldering tip range, as well as the Process Window Alarm, Energy Levels and Motion Sensor for Auto-Sleep functions, i-CON users worldwide are benefiting from the highest level of process control ever seen in the industry.

X-TOOL VARIO

The new X-TOOL VARIO convinces with highly efficient 150 W heating technology. Heating element and desoldering tip design ensure an efficient thermal transfer and a fast evacuation of the extracted solder. The slim shape of heating head and desoldering tip allow desoldering even on tightly packed PCBs.

Ersa i-CON VARIO 2 & i-CON VARIO 4

Technical informations & configuration options – You have the choice!

Order no.	Description	Rating/ voltage	Vacuum	Air flow	Temperature range	Weight (w/o cable)
01CV403A	i-CON VARIO 4 electronic station	max. 500W/ 230V, 50 Hz	max. 700 mbar	2 – 20l/min	150 – 450°C (50 – 550°C – i-TOOL AIR S)	
01CV203A	i-CON VARIO 2 electronic station	max. 200W/ 230V, 50 Hz		2 – 20l/min	150 – 450°C (50 – 550°C – i-TOOL AIR S)	
01CV203AP	i-CON VARIO 2 electronic station	max. 200W/ 230V, 50 Hz	max. 700 mbar	2 – 20l/min	150 – 450°C (50 – 550°C – i-TOOL AIR S)	
0470BRJ	i-TOOL AIR S hot air iron	200 W				approx. 90 g
0100CDJ	i-TOOL soldering iron	150 W				approx. 30 g
0460MDJ	CHIP TOOL VARIO desoldering tweezers	2 x 40 W				approx. 75 g
0720EDJ	X-Tool desoldering iron	2 x 60 W				approx. 240 g
0740ED	X-Tool VARIO desoldering iron	150 W				approx. 210 g

Order no./contents	i-TOOL AIR S	i-TOOL	CHIP TOOL VARIO	X-Tool	X-TOOL VARIO
01CV2000A	●				
01CV2000AI	●	●			
01CV2000AC	●		●		
01CV2000AX	●			●	
01CV2000AXV	●				●
01CV4000A	●				
01CV4000AI	●	●			
01CV4000AIC	●	●	●		
01CV4000AICX	●	●	●	●	
01CV4000AICXV	●	●	●		●