

# Ersa i-CON VARIO 2 multi-channel station



PTC



The **i-CON VARIO 2** multi-channel soldering and desoldering station can operate two soldering tools at the same time. In addition to the i-TOOL AIR S hot air iron (200 W) the user can plug in the i-TOOL soldering iron (150 W) for classical soldering applications or the new CHIP TOOL VARIO desoldering tweezers (2 x 40 W). Alternatively the i-CON VARIO 2 can operate further Ersa soldering tools.

Just like any other i-CON model the compact and ESD safe station offers the well-known simple and clear "i-CON operability". And just like the larger i-CON VARIO 4, the i-CON VARIO 2 comes standard with interfaces for the Ersa solder fume extraction units and heating plates. The simple and safe configuration with a micro SD memory card is a further standard feature of the i-CON VARIO 2.

## i-CON VARIO 2

Antistatic multi-channel soldering and desoldering station with i-TOOL AIR S hot-air iron and CHIP TOOL VARIO desoldering tweezers, order no. 01CV2000AC.



## Choose your configuration from 5 professional i-CON VARIO tools

### i-TOOL AIR S

Ergonomic, handy, strong in performance – that is an apposite description of the i-TOOL AIR S. The slim and light handle holds a heating cartridge with 200 W power permitting the user to process a wide range of SMDs in a non-exhausting way. The hot-air volume can be adjusted very easily directly on the handle, and the set air volume (2 – 20 l/min) is clearly visible on the display of either the i-CON VARIO 2 or the i-CON VARIO 4. Various nozzle sizes are available for an optimal component heat-up.



#### i-TOOL AIR S

i-TOOL AIR S hot-air iron  
**Hot-air nozzle series 472** see page 45

### i-TOOL HP

Full power for challenging soldering jobs! The i-TOOL HIGH POWER is a high-performance 250 W soldering iron for particularly demanding and high-mass soldering applications which was developed especially for the i-CON VARIO stations. Despite its high rating the i-TOOL HIGH POWER is a light-weight tool weighing only 110 g; the ergonomic handle and a standby sensor assure efficient working in a non-exhausting way. Tip exchange is as quick and easy as with the i-TOOL soldering iron.



#### i-TOOL

i-TOOL soldering iron with micro heating element  
**Soldering tip series 102** see page 40/41



#### i-TOOL HP

High-performance soldering iron i-TOOL HP  
**Soldering tip series 242** see page 43

### CHIP TOOL VARIO

The CHIP TOOL VARIO stands out by its high power (2 x 40 W) and its very compact design. Thus it is perfectly suited for working on very small and delicate SMD components. The heating element pairs are plug-in components. They can be aligned exactly in the handle, and exchanging them is quick and easy. Furthermore, the operating mode of this precision tool can be set from self-closing mode to self-opening mode with an integrated switch. The CHIP TOOL VARIO is equipped with the proven and reliable motion sensor to activate it out of standby.



#### CHIP TOOL VARIO

CHIP TOOL VARIO desoldering tweezers  
**Desoldering tip pairs of the series 462** see page 44

### X-TOOL VARIO

The new X-TOOL VARIO convinces with highly efficient 150 W heating technology. The design of heating element and desoldering tip ensure an efficient thermal transfer and a fast evacuation of the extracted solder. For users the ergonomic handle means relaxed working with a healthy hand position. The slim shape of heating head and desoldering tip allow desoldering even on tightly packed PCBs.



#### X-TOOL VARIO

X-TOOL – powerful desoldering iron for safe desoldering of heat-sensitive through-hole components  
**Desoldering tip series 742** see page 48

# Ersa i-CON VARIO 4 multi-channel station



## i-CON VARIO 4

Antistatic multi-channel soldering and desoldering station with i-TOOL AIR S hot-air iron, CHIP TOOL VARIO desoldering tweezers, X-TOOL VARIO desoldering iron, i-TOOL HP high-performance soldering iron and i-TOOL soldering iron. Order no. 01CV4000AICXV



The **i-CON VARIO 4** multichannel soldering and desoldering station meets highest demands in the field of professional soldering and desoldering. It is the i-CON family's flagship. The user can connect and operate up to 4 tools at the same time: the new, ergonomic i-TOOL AIR S hot air iron with 200 W for flexible soldering and desoldering with non-contact energy transfer; the i-TOOL with 150 W for efficient soldering; the 250 W i-TOOL HP for demanding high-mass applications, the new CHIP TOOL VARIO with 80 W for precise desoldering of most delicate SMDs and the well-proven X-TOOL with 120 W or X-TOOL VARIO with 150 W for desoldering through-hole components. Alternatively the i-CON VARIO 4 can operate further Ersa soldering tools.

All functions, including air and vacuum units, are integrated in the central supply unit featuring Ersa's well-known i-Op operation and clearly arranged displays. Furthermore the station has interfaces to connect Ersa solder fume extraction units or infrared heating plates as well as a USB port. The configuration of the station is quick and easy via micro SD card leaving it optimally prepared for all applications in professional electronics production. The i-CON VARIO 4 is perfectly suited for the use in ESD protected zones.

Order no.	Description	Rating/voltage	Vacuum	Air flow	Temperature range	Weight (w/o cable)	
01CV403A <b>11CV403A00A67</b>	i-CON VARIO 4 electronic station	max. 500 W/230 V, 50 Hz <b>max. 500 W/115 V, 60 Hz</b>	max. 700 mbar	2 – 20 l/min	150 – 450 °C (50 – 550 °C – i-TOOL AIR S)		
01CV203A <b>11CV203A00A67</b>	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz <b>max. 200 W/115 V, 60 Hz</b>		2 – 20 l/min	150 – 450 °C (50 – 550 °C – i-TOOL AIR S)		
01CV203AP <b>11CV203AP1A67</b>	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz <b>max. 200 W/115 V, 60 Hz</b>	max. 700 mbar	2 – 20 l/min	150 – 450 °C (50 – 550 °C – i-TOOL AIR S)		
01CV203HP <b>11CV203HP0A67</b>	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz <b>max. 200 W/115 V, 60 Hz</b>			150 – 450 °C		
0470BRJ	i-TOOL AIR S hot-air iron	200 W				approx. 90 g	
0100CDJ	i-TOOL soldering iron	150 W				approx. 30 g	
0240CDJ	i-TOOL HP soldering iron	250 W				approx. 110 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	
0740EDJ	X-TOOL VARIO desoldering iron	150 W				approx. 210 g	
01CV207	VARIO TOOL ADAPTER to plug the i-TOOL, X-TOOL VARIO or CHIP TOOL VARIO into socket A2 of the electronic station						

Contents/ order no.	01CV2000A	01CV2000AI	01CV2000AC	01CV2000AX	01CV2000AXV	01CV2000HP	01CV4000A	01CV4000AI	01CV4000AIC	01CV4000AICX	01CV4000AICXV
i-TOOL AIR S	●	●	●	●	●		●	●	●	●	●
i-TOOL		●						●	●	●	●
i-TOOL HP						●					
CHIP TOOL VARIO			●					●	●	●	
X-TOOL				●						●	
X-TOOL VARIO					●						●