

SOLDERING STATIONS.



GLOBAL. AHEAD. SUSTAINABLE.

RDS 80

The universal, digital soldering station of Erska

Order information:

Order no.	Description
ORDS80	RDS 80 soldering station, complete, with RT 80 soldering iron (0890CDJ), soldering tip 0842CD and tool holder 0A39
1RDS800000A67	RDS 80, 115 V version



RDS 80 with RT 80 soldering iron, Erska RESISTRONIC control system. Soldering tip series 832 and 842, see page 47.

The Erska **RDS 80** digital soldering station with the proven the Erska RESISTRONIC temperature control provides **80 W** heating power. The ceramic PTC heating element (positive temperature coefficient) acts as the temperature sensor in this control system and ensures extremely fast heating thanks to the high initial output. High heating power and the large selection of soldering tips allow a very wide range of applications. The heating system with the internally heated soldering tips has a high thermal efficiency.

The redesigned ergonomic handle, the housing design and the large, digital multifunctional display do not leave much to be desired.

Besides the arbitrary temperature selection between 150 °C and 450 °C, three fixed temperatures or two fixed temperatures and one standby temperature can be programmed.

Great price-performance ratio

In addition to a power bar graph display the station also has a calibrating and power-off feature. The potential equalization socket (with an integrated 220 kΩ resistor) allows the soldering tip to be equalized with the workplace potential.

The RT 80 soldering iron has a sprayed-on, flexible PVC connecting cable. For tip exchange we recommend to use the tip exchanger 3ZT00164 (see page 36).

Technical data

Station	Rating/Voltage	Temperature	Soldering iron	Rating/Voltage	Heating time	Weight*
RDS 80	80 W/230 V, 50 – 60 Hz/24 V or 80 W/115 V, 50 – 60 Hz/24 V	150 – 450 °C	RT 80	105 W (280 °C)	approx. 40 s (280 °C)	approx. 130 g

*without cable



Application example



Multifunctional display

ANALOG 60/ANALOG 60 A

Reliable soldering with industry-proven technology!



Order information:

Order no.	Description
0ANA60	ANALOG 60 soldering station, complete, with BASIC TOOL 60 soldering iron (0670CDJ), with soldering tip 0832CDLF and tool holder 0A42



ANALOG 60 with BASIC TOOL 60 soldering iron. Soldering tip series 832 and 842, see page 47.

The electronically temperature-controlled Ersa **ANALOG 60** soldering station is the basic model of the Ersa soldering station series.

It has the tried and proven Ersa RESISTRONIC temperature control technology, with the ceramic PTC heating element serving as the temperature sensor. The high initial power enables fast heat-up.

The large selection of soldering tips allows a broad range of applications. The internal heating provides high thermal efficiency. A front-installed socket with integrated, high-impedance allows potential equalization between the soldering tip and the workplace.

The device is primarily used for smaller and medium-sized solder joints. The low-voltage operated soldering iron BASIC TOOL 60 has a highly flexible, heat-resistant connecting cable.



Order information:

Order no.	Description
0ANA60A	ANALOG 60 A soldering station, complete, with ERGO TOOL soldering iron (0680CDJ), with soldering tip 0832CDLF and tool holder 0A42



ANALOG 60 A with ERGO TOOL soldering iron. Soldering tip series 832 and 842, see page 47

The electronically temperature-controlled Ersa **ANALOG 60 A** soldering station is antistatic according to the MIL-SPEC / ESA standard and has all the positive features of the Ersa ANALOG 60. The light and slim ERGO TOOL soldering iron has a highly flexible, heat-resistant and antistatic connecting cable.

The ANALOG 60 A soldering station is especially suitable for producing small and medium-sized solder joints. For tip exchange we recommend to use the tip exchanger 3ZT00164 with an additional flat nose pliers and side cutter (see page 36).

Technical data

Station	Rating/Voltage	Temperature	Soldering iron	Rating/Voltage	Heating time	Weight*
ANALOG 60	60 W/230 V, 50 – 60 Hz/24 V	150 – 450 °C	BASIC TOOL 60	60 W (350 °C)	approx. 60 s (280 °C)	approx. 60 g
ANALOG 60 A	60 W/230 V, 50 – 60 Hz/24 V	150 – 450 °C	ERGO TOOL	60 W (350 °C)	approx. 60 s (280 °C)	approx. 60 g

*without cable

DIGITAL 2000 A

Proven 1000 times: the universal, robust industrial soldering station

Order information:

Order no.	Description
ODIG20A84	DIGITAL 2000 A electronic station, complete, with POWER TOOL soldering iron (0840CDJ) with soldering tip 0842CDLF and tool holder 0A42
ODIG20A64	DIGITAL 2000 A electronics station, complete, with TECH TOOL soldering iron (0640ADJ) with soldering tip 0612ADLF and tool holder 0A42
ODIG20A45	DIGITAL 2000 A electronic station, complete, with CHIP TOOL desoldering tweezers (0450MDJ), with tips 0452MDLF020 and tool holder 0A43



PTC



DIGITAL 2000 A with POWER TOOL soldering iron and Erska SENSOTRONIC control. Soldering tip series 832 and 842, see page 47; Fig. with 0A08MSET

The Erska **DIGITAL 2000 A** is a microprocessor controlled soldering station distinguished by its flexibility and multifunctionality. It is antistatic according to the MILSPEC/ESA standard and designed for industrial use where high quality is demanded and for repairs and laboratory applications. The station can alternatively be operated with the POWER TOOL and TECH TOOL soldering irons

or the CHIP TOOL desoldering tweezers, whereas the station automatically detects the tools when inserted and adapts the control characteristics accordingly. The soldering and desoldering tips are connected with high impedance to the front-installed potential equalization socket.

By just three buttons and a simple menu guide the desired temperatures, the unit of temperature (°C/°F), the standby time, a tip offset and calibration feature and a three-character password-controlled lock can all be set.

The calibration feature allows the actual soldering tip temperature to be precisely adjusted to the temperature shown in the LED display. For this purpose, a suitable soldering tip temperature measuring device, such as the Erska DTM series (see page 35), is required.

The Erska DIGITAL 2000 A soldering station regulates the temperature through a digital PID algorithm, optimized for very precise and fast temperature control.

All connectable soldering and desoldering devices have enormous power reserves thanks to the PTC heating elements located inside the tips.



POWER TOOL with Erska SENSOTRONIC control. Soldering tip series 832 and 842, see page 47.



TECH TOOL with Erska SENSOTRONIC control. Soldering tip series 612, see page 48.



CHIP TOOL with Erska RESISTRONIC control. Desoldering tip series 422/452, see page 50.

Technical data

Station	Rating/Voltage	Temperature	Soldering iron	Rating/Voltage	Heating time	Weight*
DIGITAL 2000 A	80 W/230 V, 50–60 Hz/24 V	50 – 450 °C	POWER TOOL	80 W (350 °C)	approx. 40 s (280 °C)	approx. 50 g
DIGITAL 2000 A	80 W/230 V, 50–60 Hz/24 V	50 – 450 °C	TECH TOOL	60 W (350 °C)	approx. 12 s (280 °C)	approx. 50 g
DIGITAL 2000 A	80 W/230 V, 50–60 Hz/24 V	150 – 450 °C	CHIP TOOL	2 x 20 W (350 °C)	tip dependent	approx. 75 g

*without cable

i-CON SOLDERING AND DESOLDERING STATIONS.



GLOBAL. AHEAD. SUSTAINABLE.



i-CON SERIES

Safe and innovative lead-free hand soldering

Ensuring quality in lead-free soldering is a huge challenge for hand soldering. Consequently, the users have a wide range of requirements a modern hand soldering tool should meet: It should be small, light-weight and ergonomic. It may not become too hot during the soldering process. And it has to provide high power and efficiency for fast heat-up and recovery during soldering. In addition, tip exchange should be quick and easy, and the station's operation and programming should be simple and user-friendly.

The stations of the Ersa i-CON series fully comply with these requirements. Various models are available that all convince with

innovative technology – from the smallest and cheapest station, the i-CON PICO, up to the flagship, the i-CON VARIO 4. Low-cost exchangeable tips and the intelligent standby function provide for low operating costs, high economic efficiency and considerable energy savings.

The i-CON series comprises both single as well as double iron soldering stations for the use of various soldering and desoldering tools. Due to the modern "One Touch" operating concept with i-OP control and features such as process window alarm, energy levels and automatic standby sensor, the operator experiences an unrivalled process control.

PATENTED SOLDERING TIP TECHNOLOGY

The engineering goal behind the i-CON stations was to invent a new soldering iron which outperforms the competitive tip-cartridge irons and works with low-cost, exchangeable tips at the same time. Mission accomplished: Ersas i-TOOL clearly meets this requirement: It is one of the smallest and most powerful soldering irons in the market. The true value added for our customers lies not only in the fact that it will increase both the hand soldering quality and productivity, but also in a tremendous reduction of operational costs associated with manual soldering. In contrast to cartridge tips, only the soldering tip

is changed - quickly and easily and without any additional tool required. The expensive heating element remains in place.

A comprehensive range of standard and customized tips provides an unrivalled flexibility, even with difficult and unusual soldering jobs. The high-performance heating element supplies 150 W of heating power ensuring fastest heat-up and recovery so that the i-TOOL never runs out of energy, even during heat-intensive soldering. At the same time, at 30 g and a compact 150 mm overall length, it is comfortable to hold.

Power level settings:

Three different power level settings are available which control the heating element overshoot depending on the heat required. Thus, the operator can choose the right setting for the right job – either more power or more control! Power level “Low” guarantees no overshoot for maximum component safety!

Process window and alarm:

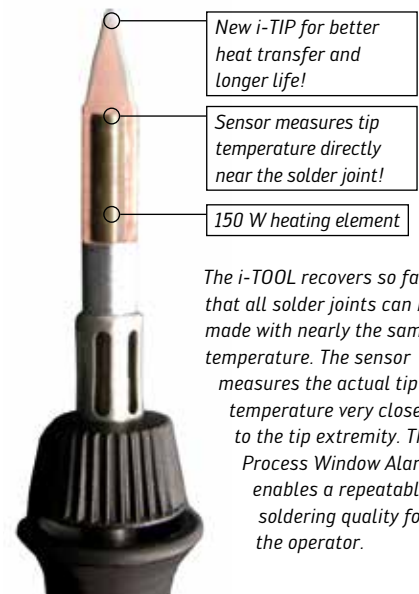
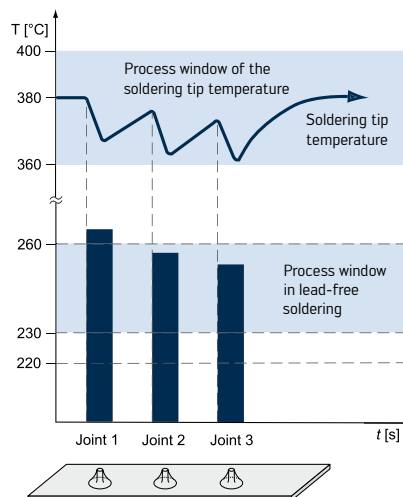
Signals the operator if the temperature leaves the pre-set process window.

Automatic standby:

Recognizes when the iron is not used and automatically reduces the temperature to a standby temperature after expiration of a pre-determined standby time.

i-TOOL calibration:

Unlike other systems, the microprocessor which stores the temperature calibration of the iron is actually located in the PCB which is installed in the handle. This now allows for each individual i-TOOL to be calibrated independent of the station.



The i-TOOL recovers so fast that all solder joints can be made with nearly the same temperature. The sensor measures the actual tip temperature very close to the tip extremity. The Process Window Alarm enables a repeatable soldering quality for the operator.

1. Low-cost i-TIP (consumable, easy to change, longlife)
2. i-TIP fastener, available in black or green
3. High-power heating element (stick-on type, longlife)



Unprecedented intelligence: the i-TOOL has a powerful control system directly in the handle.

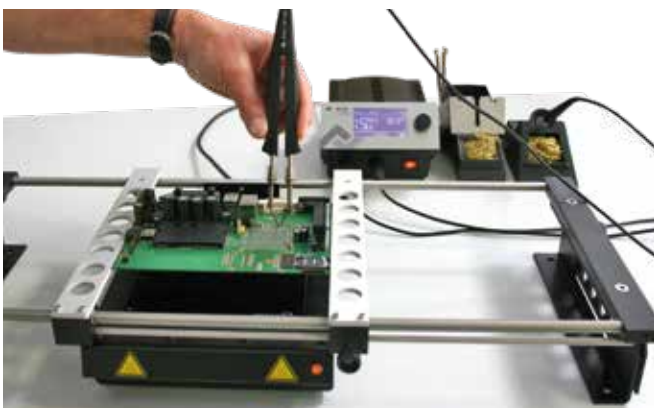
i-CON MATRIX - MODELS, TOOLS, PERIPHERALS

i-CON station/tools + peripherals								
i-CON control stations	i-TOOL	i-TOOL AIR S	i-TOOL HP	CHIP TOOL	CHIP TOOL VARIO	X-TOOL VARIO*	IR heating plate	EASY ARM 1 + 2
i-CON 1	■							
i-CON 1V	■			■	■	■		
i-CON 2V	■			■	■	■		
i-CON 1C	■						■	■
1-CON 1 VC	■			■	■	■	■	■
i-CON 2 VC	■			■	■	■	■	■
i-CON VARIO 2	■	■	■	■	■	■	■	■
i-CON VARIO 4	■	■	■	■	■	■	■	■

*A vacuum station is required to operate this tool with an i-CON control station (except i-CON VARIO stations).

i-CON WITH INTERFACE:

One control unit for preheating, soldering, fume extraction



SMD desoldering with the CHIP TOOL desoldering tweezers. Bottom-side preheating of the PCB with a heating plate provides for gentle processes.

Fume extraction systems and heating plates are the two most important peripheral systems on the workbench. Ersas i-CON C stations incorporate an interface to control Ersas IR heating plates and Ersas EASY ARM fume extraction systems.

Up to two i-CON 1C or i-CON 2VC stations can be combined with a filter unit EASY ARM 1 or EASY ARM 2 using an interface cable. The extraction unit is only working while at least one of the attached soldering stations is in operation. When both i-CON stations are in standby mode, the EASY ARM filter unit automatically



Fully equipped i-CON 2 VC workplace with i-CON 2 VC station, i-TOOL, CHIP TOOL VARIO and solder fume extraction.

switches off, which results in longer filter lifetime, lower energy costs and less noise.

The safe and powerful medium-wave IR heating plate technology offers enormous advantages in modern hand soldering: soldering iron, internally heated SMD desoldering tweezers and/or desoldering tool can be operated with considerably lower tip temperatures.

This reduces the risk of damage to the assembly while at the same time tip lifetime will substantially increase!

i-CON PICO & i-CON NANO

The entry into professional soldering

Order information:

Order no.	Description
0IC1300	i-CON PICO soldering station, complete, with i-TOOL PICO (0130CDK) soldering iron with soldering tip 0102CDLF16 and holder 0A53
1IC1300000A67	i-CON PICO, 115 V version



*i-CON PICO with i-TOOL PICO soldering iron.
Soldering tip series 102, see page 45/46.*

Fast, efficient and good value for money - these requirements are met by the i-CON PICO and i-CON NANO - the two entry-level stations for professional soldering within Ersa's i-CON soldering station series.

The configuration via PC software and microSD card is unique in this product class. In addition to the continuously variable temperature control, three fixed temperatures and three energy levels can be individually set so that the user can quickly switch between the parameters depending on the soldering job. The standby function protects the soldering tip and significantly increases its service life. Another highlight: the soldering station can also be locked for other users via the microSD card. The i-CON PICO and i-CON NANO are operated using the two buttons next to the easy-to-read LC display.

**Small footprint:
only 145 mm x 80 mm!**

Weighing only 30 g, the i-TOOL PICO and i-TOOL NANO soldering irons are extremely ergonomic, making them a pleasure to work with. Heat-up from room temperature to operating temperature only takes 9 seconds. The integrated temperature sensor reacts immediately and accurately, ensuring a constant temperature for safe soldering, even with sensitive components. With the 102 series, a comprehensive range of cost-effective soldering tips is available for a wide variety of applications.

The i-CON NANO realizes ESD safety including potential equalization up to the soldering tip and is the ideal entry-level model for the professional sector and industry. The i-CON PICO is the perfect solution for semi-professional users and ambitious users in the hobby sector who can do without ESD capability.



*i-CON NANO with i-TOOL NANO soldering iron.
Soldering tip series 102, see page 45/46.*

Order information:

Order no.	Description
0IC1200A	i-CON NANO soldering station, complete, with i-TOOL NANO soldering iron (0120CDK), soldering tip 0102CDLF16 and holder 0A52 with dry sponge 0008M
1IC1200A00A67	i-CON NANO, 115 V version

Technical data

Station	Rating/Voltage	Temperature	Soldering iron	Rating/Voltage	Heating time	Weight*
i-CON PICO	max. 80 W/230 V (115 V), 50 Hz	150 – 450 °C	i-TOOL PICO	max. 80 W/220 – 240 VAC	approx. 9 s (350 °C)	approx. 30 g
i-CON NANO	max. 80 W / 230 V (115 V), 50 Hz	150 – 450 °C	i-TOOL NANO	max. 80 W	approx. 9 s (350 °C)	approx. 30 g

*without cable

i-CON 1 & i-CON 1V

Professional soldering station for industry, test field and development!

Order information:

Order no.	Description
01C1100A	i-CON 1 electronic station, complete, with i-TOOL soldering iron (0100CDJ), soldering tip 0102CDLF16 and holder 0A52 with dry sponge 0008M
11C1100A00A67	i-CON 1, 115 V version
01C1100A0C	i-CON 1C electronic station with interface, complete, with i-TOOL soldering iron (0100CDJ), soldering tip 0102CDLF16 and holder 0A52 with dry sponge 0008M
11C1100A0CA67	i-CON 1C, 115 V version



*i-CON 1 with i-TOOL soldering iron.
Soldering tip series 102, see page 45/46.*

The **i-CON 1** is the popular and proven “workhorse” for electronics production. It comes with the lightweight and ergonomic 150 W i-TOOL soldering iron – the perfect tool for all SMD and THT applications. The comprehensive 102 tip series enables the i-TOOL to be perfectly set for each job.

The digital i-CON 1 control station features the modern “One-Touch” operating concept with iOp Control and large, backlit plain text display. The version with interface provides for the connection of an IR heating plate and a solder fume extraction system.

Order information:

Order no.	Description
01C1100V	i-CON 1V soldering and desoldering station, with i-TOOL soldering iron (0100CDJ) with soldering tip 0102CDLF16 and holder 0A52
11C1100V00A67	i-CON 1V, 115 V version
01C1100A0C	i-CON 1V soldering and desoldering station, with CHIP TOOL VARIO desoldering tweezers (0460MDJ), with tips 0462MDLF007 and holder 0A54
11C1100VCVA67	i-CON 1C, 115 V version
01C1100V0C	i-CON 1VC soldering and desoldering station with interface, with i-TOOL soldering iron (0100CDJ) with tip 0102CDLF16 and holder 0A52
11C1100V0CA67	i-CON 1VC, 115 V version



*i-CON 1 V with i-TOOL soldering iron.
Soldering tip series 102, see page 45/46.*

The **i-CON 1V** uses the same new control technology users as the i-CON VARIO stations. This means, that in addition to existing tools, such as POWER TOOL for example, it is now possible to operate the new soldering and desoldering tools CHIP TOOL VARIO

and X-TOOL VARIO. Consequently, the operator can select from a total of eight tools for different soldering and desoldering applications A vacuum unit that can be connected to the station is required for the vacuum supply of the X-TOOL VARIO.

i-CON 2V

Double channel soldering and desoldering station –
a plus in flexibility for professionals



Order information:

Order no.	Description
01C2200V	i-CON 2V double channel soldering and desoldering station with i-TOOL soldering iron (0100CDJ) with tip 0102CDLF16 and holder 0A52
11C2200V00A67	i-CON 2V with i-TOOL, 115 V version
01C1100A0C	i-CON 2V double channel soldering and desoldering station with i-TOOL soldering iron (0100CDJ) with tip 0102CDLF16, CHIP TOOL VARIO desoldering tweezers (0460MDJ) with tips 0462MDLF007 and holders 0A52 and 0A54
11C2200VC0A67	i-CON 2V with i-TOOL and CHIP TOOL VARIO, 115 V version
01C2200VIT	i-CON 2V double channel soldering and desoldering station with 2 i-TOOL soldering irons (0100CDJ) with tip 0102CDLF16 and 2 holders 0A52
11C1100V0CA67	i-CON 2V with 2 pcs. i-TOOL, 115 V version
01C2200V0C	i-CON 2VC soldering and desoldering station with interface, with i-TOOL soldering iron (0100CDJ) with tip 0102CDLF16 and 0A52
11C2200V0CA67	i-CON 2VC with interface, 115 V version

The double channel soldering and desoldering station **i-CON 2V** is a consistent further development of the well-known i-CON 2 based on the future-oriented Ersa VARIO platform.

In addition to the present soldering and desoldering tools, the station can also drive the SMD desoldering tweezers CHIP TOOL VARIO (2 x 40 W) and the PTH desoldering iron X-TOOL VARIO (150 W). The station utilizes an intelligent power management to shift dynamically its power between the attached tools. The i-CON 2V, like all other i-CON stations, convinces by its intuitive one-touch operation and the large multifunctional display. The station meets the ESD requirements and is available in a version with interface to connect a fume extraction unit, a heating plate and a PC. If required, the i-CON 2V can be updated like the i-CON VARIO stations with a microSD memory card and thus is prepared for future necessities.

TECHNICAL DATA i-CON 1/1V/1VC & i-CON 2V/VC

Station	Rating/Voltage	115 V version	Temperature range
i-CON 1/i-CON 1C,	max. 150 W/230 V, 50 Hz	max. 150 W/115 V, 60 Hz	150 – 450 °C
i-CON 1V/i-CON 1VC	max. 80 W / 230 V, 50 Hz	max. 150 W/115 V, 60 Hz	50 – 450 °C
i-CON 2V/i-CON 2VC	max. 150 W/230 V, 50 Hz	max. 150 W/115 V, 60 Hz	50 – 450 °C

TECHNICAL DATA SOLDERING & DESOLDERING TOOLS

Soldering iron	Rating/Voltage	Heating time	Weight*
i-TOOL	150 W	approx. 9 s (350 °C)	approx. 30 g
CHIP TOOL VARIO	2 x 20 W (350 °C)	subject to tips	approx. 75 g

*without cable

i-CON VARIO 2 & i-CON VARIO 4

Multichannel soldering and desoldering station



i-CON VARIO 4

The **i-CON VARIO 4** multichannel soldering and desoldering station meets even highest demands placed on professional soldering and desoldering equipment. This high-end model of the i-CON family is the only soldering station in the world to provide the user with four soldering tools for demanding soldering tasks:

- The i-TOOL AIR S hot air iron (200 W) – flexible SMD soldering and -desoldering with non-contact energy transfer
- The i-TOOL soldering iron (150 W) – efficient and powerful contact soldering with extensive tip selection
- The CHIP TOOL VARIO desoldering tweezers (80 W) – precise desoldering of finest SMD components
- The X-TOOL VARIO desoldering iron (150 W) – fast and clean desoldering of PTH components

For soldering applications with very high heat requirements, the i-TOOL HP soldering iron (250 W) can be operated as an alternative to the i-TOOL AIR S.

The connection of further Ersa soldering tools is possible.

The **i-CON VARIO 2** multi-channel soldering and desoldering station provides the professional user with two soldering tools that can be used simultaneously. A version with-out pumps addresses users who want to use i-TOOL HP and i-TOOL only. The i-CON VARIO 2 is otherwise similar to the i-CON VARIO 4 in its function and operation.

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 easy to operate i-Op facility and its clearly arranged displays. In addition, the stations have interfaces for the Ersa solder fume extraction units or infrared heating plates, as well as a USB port.

With a microSD memory card, the stations can be quickly and safely configured, so that they are optimally prepared for all applications in professional electronics manufacturing. They are of course well-suited for the use in ESD protected zones.



i-CON VARIO 2 with i-TOOL AIR S and X-TOOL VARIO

Soldering tools for i-CON VARIO 2 & 4

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



Hot-air nozzle series 472, see page 51

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

The i-TOOL is an extremely lightweight but powerful soldering iron, accompanied by a wide range of inexpensive Erska long-life soldering tips. 150 W heating power guarantee fastest heat-up times and heat recovery. Process window alarms,



Soldering tip series 102, see page 45/46

energy levels and standby sensor grant all i-CON users an unrivalled process control in hand soldering.

i-TOOL HP

The i-TOOL HP offers maximum power for high-mass solder joints. With 250 W and exchangeable soldering tips, it delivers HIGH POWER in manual soldering. This tool can be operated on all i-CON VARIO



Soldering tip series 242, see page 48

stations. For stand-alone operation, Erska recommends the i-CON VARIO 2 HP (0ICV2000HP) version.

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. Further-



Desoldering tip pairs of the series 462, see page 49

more, 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.

X-TOOL VARIO

The 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



Desoldering tip series 742, see page 49

relaxed working with a healthy hand position. The slim shape of heating head and desoldering tip allow desoldering even on densely populated PCBs.



CONFIGURATIONS & COMPATIBILITY

Order no.	Description	i-TOOL AIR S	i-TOOL	CHIP TOOL VARIO	X-TOOL VARIO	i-TOOL HP
01CV2000A	i-CON VARIO 2	■	□	□		
01CV2000AI	i-CON VARIO 2	■	■	□		
01CV2000AC	i-CON VARIO 2	■	□	■		
01CV2000AXV	i-CON VARIO 2	■	□	□	■	
01CV2000HP	i-CON VARIO 2					■
01CV2000XV	i-CON VARIO 2		□	□	■	
01CV2000XVI	i-CON VARIO 2		■	□	■	
01CV4000AI	i-CON VARIO 4	■	■	□	□	□
01CV4000AIC	i-CON VARIO 4	■	■	■	□	□
01CV4000AICXV	i-CON VARIO 4	■	■	■	■	□

■ scope of supply, □ compatibility

TECHNICAL DATA SOLDERING & DESOLDERING TOOLS

Order no.	Description	Rating/Voltage	Weight*
0470ERJ	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. 30 g
0740EDJ	X-TOOL VARIO desoldering iron	150 W	approx. 210 g incl. cable and desoldering iron
0240CDJ	i-TOOL HP high-performance soldering iron	250 W	approx. 110 g

*without cable

TECHNICAL DATA ELECTRONIC STATIONS

Order no.	Description	Rating/Voltage	Vacuum	Air Flow	Temperature range
01CV403A	i-CON VARIO 4 electronic station	max. 500 W/230 V, 50 Hz	max. 700 mbar	2 – 20 l/min	150 – 450 °C (50 – 550 °C – i-TOOL AIR S)
01CV203A	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz	—	2 – 20 l/min	150 – 450 °C (50 – 550 °C – i-TOOL AIR S)
01CV203AP	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz	max. 700 mbar	2 – 20 l/min	150 – 450 °C (50 – 550 °C – i-TOOL AIR S)
01CV203HP	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz	—	—	150 – 450 °C
01CV203X	i-CON VARIO 2 electronic station	max. 200 W/230 V, 50 Hz	max. 700 mbar	—	150 – 450 °C