

ersa i-CON NANO

ersa i-CON NANO Electronically Temperature-Controlled Soldering Station User Manual

Model: i-CON NANO | 80W, 115V

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your ersa i-CON NANO Electronically Temperature-Controlled Soldering Station. Please read this manual thoroughly before operating the device to ensure proper function and to prevent damage or injury.

The ersa i-CON NANO is an 80W, 115V soldering station designed for precise temperature control, featuring a micro heating element and an antistatic design. It is suitable for a wide range of soldering applications.

2. SAFETY INFORMATION

WARNING: High temperatures and electrical hazards are present during operation. Failure to follow safety instructions may result in injury or damage to the equipment.

- Always operate the soldering station in a well-ventilated area to avoid inhaling solder fumes.
- Wear appropriate personal protective equipment, including safety glasses, to protect against splashes of molten solder.
- Do not touch the soldering tip or heating element when the station is powered on or cooling down, as temperatures can reach up to 450°C (842°F).
- Ensure the power cord is undamaged and properly connected to a grounded outlet.
- Never leave the soldering station unattended when powered on. Always place the soldering iron in its designated safety rest when not in use.
- Keep flammable materials away from the soldering area.
- Disconnect the power supply before performing any maintenance or changing soldering tips.
- This device is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- ersa i-CON NANO Soldering Station
- Soldering Iron (i-Tool)
- Soldering Iron Holder with Dry Cleaner
- Power Cord
- Instruction Manual (this document)

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the soldering station on a stable, heat-resistant, and antistatic surface. Ensure adequate ventilation around the unit.
3. **Connect Soldering Iron:** Connect the soldering iron's cable to the designated port on the soldering station. Ensure the connection is secure.
4. **Position Iron Holder:** Place the soldering iron holder in a convenient and safe location near the station. The holder is designed to safely store the hot iron when not in use and includes a dry cleaner for tip maintenance.
5. **Power Connection:** Connect the power cord to the soldering station and then plug it into a grounded 115V AC power outlet.



Figure 4.1: The ersa i-CON NANO Soldering Station, including the control unit, soldering iron, and iron holder with dry cleaner.

5. OPERATING INSTRUCTIONS

5.1 Powering On and Temperature Setting

1. **Power On:** Press the power button on the front of the station. The digital display will illuminate.
2. **Set Temperature:** Use the up/down arrow buttons on the control unit to adjust the desired soldering temperature. The i-CON NANO features precise electronic temperature control. The display shows the set temperature and the actual tip temperature.
3. **Heating:** The soldering iron will rapidly heat up to the set temperature. The 80W micro heating element ensures quick heat-up times and stable temperature maintenance.



Figure 5.1: The digital display indicating the set temperature and the current tip temperature during operation.

5.2 Soldering Iron and Tips

The i-CON NANO utilizes a lightweight soldering iron (i-Tool) with replaceable tips (series 102). The flexible cord and ergonomic design enhance user comfort and control.



Figure 5.2: Close-up view of the soldering iron tip, showing its precise design for various applications.

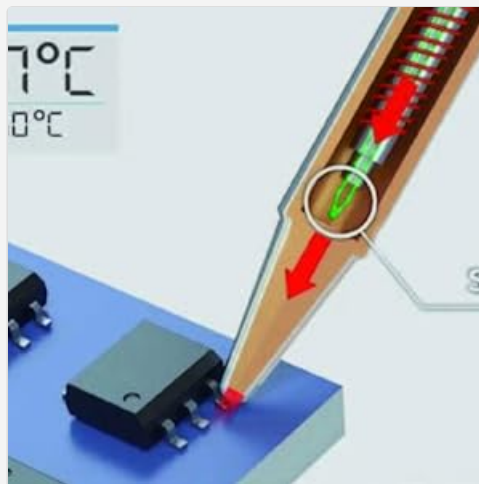


Figure 5.3: Internal diagram illustrating the micro heating element's position for efficient heat transfer to the soldering tip.



Figure 5.4: A selection of compatible soldering tips (series 102) available for the i-CON NANO, offering versatility for different soldering tasks.

5.3 Automatic Standby and Shut-off

The i-CON NANO features an automatic standby function and non-operative mode to conserve energy and prolong tip life. If the iron is left in its holder for a user-defined period, the temperature will automatically reduce to a standby level. After a further period of inactivity, the unit will enter a shut-down mode.

- To reactivate from standby, simply pick up the soldering iron.
- To reactivate from shut-down, press any button or pick up the iron.

5.4 Soldering Process

1. **Prepare Workpiece:** Ensure the components and PCB pads are clean and free of oxidation.
2. **Tin the Tip:** Before first use and periodically during use, apply a small amount of solder to the tip to "tin" it. This improves heat transfer and prevents oxidation.
3. **Apply Heat:** Place the hot soldering tip in contact with both the component lead and the PCB pad simultaneously.
4. **Apply Solder:** After a second or two, touch the solder wire to the junction of the tip, lead, and pad. Allow the solder to flow smoothly to form a shiny, concave joint. Do not apply solder directly to the iron tip.
5. **Remove Solder and Iron:** Remove the solder wire first, then remove the soldering iron. Allow the joint to cool undisturbed.



Figure 5.5: Illustrates the proper technique for soldering a surface-mount component onto a printed circuit board.

6. MAINTENANCE

6.1 Soldering Tip Care

- **Cleaning:** Regularly clean the soldering tip using the dry cleaner (brass wool) provided in the iron holder. This removes excess solder and oxidation. Avoid abrasive materials or excessive scraping, which can damage the tip plating.
- **Tinning:** Always re-tin the tip with a small amount of fresh solder after cleaning and before placing it back in the holder, especially when finishing a soldering session. This protects the tip from oxidation.
- **Tip Replacement:** To replace a tip, ensure the station is powered off and the iron has cooled sufficiently. Unscrew the retaining collar, carefully pull out the old tip, insert the new tip, and secure the collar. Use only ersa series 102 tips.

6.2 Station and Holder Cleaning

- Disconnect the power cord before cleaning.
- Wipe the control unit and iron holder with a damp cloth. Do not use harsh chemicals or solvents.
- Periodically empty and clean the dry cleaner's receptacle in the iron holder.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Station does not power on.	No power supply; faulty power cord; internal fuse.	Check power cord connection and wall outlet. Ensure power button is pressed. If problem persists, contact support.
Soldering iron not heating up.	Iron not connected properly; faulty heating element/tip; incorrect temperature setting.	Check iron connection to station. Verify temperature setting. Try replacing the soldering tip.
Display shows "Err" message.	Internal error; sensor malfunction; iron connection issue.	Power off the station, disconnect and reconnect the soldering iron, then power on again. If the error persists, contact ersa technical support.
Solder does not flow well.	Tip is oxidized or dirty; incorrect temperature; wrong solder type.	Clean and re-tin the soldering tip. Increase temperature if necessary. Ensure you are using appropriate solder for your application.
Automatic standby/shut-off not working.	Sensor malfunction; settings issue.	Consult the full product manual for advanced settings. If the issue persists, contact support.

8. SPECIFICATIONS

Feature	Detail
Model	i-CON NANO
Part Number	1IC1200A00A67

Feature	Detail
Power Output	80 Watts
Input Voltage	115 Volts AC
Temperature Range	Adjustable, up to 450°C (842°F)
Temperature Control	Electronically controlled, high stability
Display Type	Digital LCD
Heating Element	Micro heating element
Antistatic Design	Yes
Automatic Functions	Standby, Shut-off
Compatible Tips	ersa Series 102
Product Dimensions	11.8 x 7.5 x 5.3 inches

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ersa website or contact your authorized ersa dealer. Keep your purchase receipt as proof of purchase.
You can find more information and contact details on the [ersa Brand Store](#).



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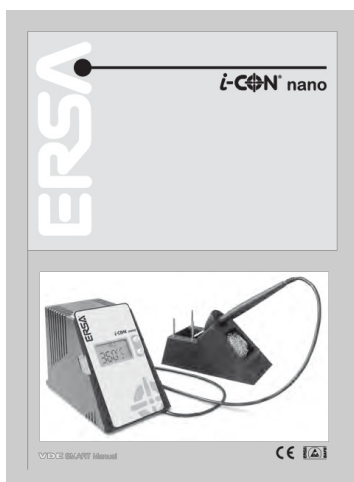
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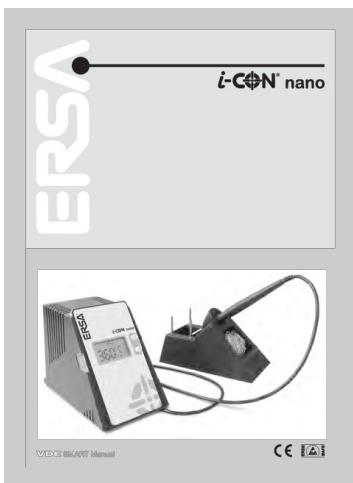


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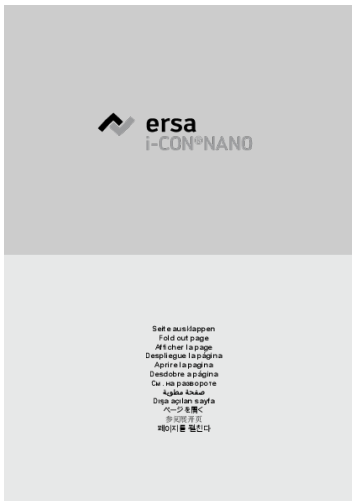
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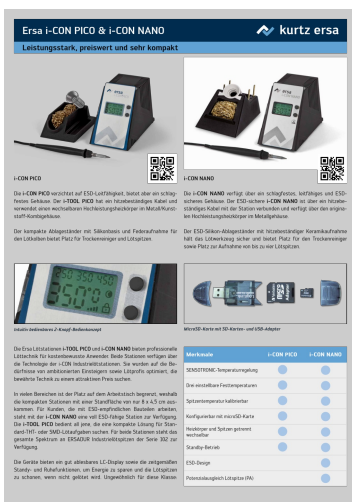


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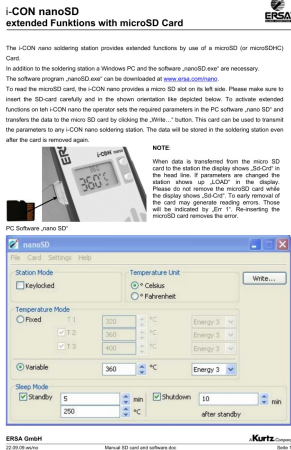


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Ersa i-CON PICO & i-CON NANO
Leistungsstark, preiswert und sehr kompakt

i-CON PICO
Die i-CON PICO verzichtet auf ESD-Leitfähigkeit, bietet aber ein schlagfestes Gehäuse. Der i-TOOL PICO hat ein hitzebeständiges Kabel und verwendet einen wechselbaren Hochleistungsheizkörper im Metall/Kunststoff-Gehäuse.

i-CON NANO
Der i-CON NANO verfügt über ein schlagfestes, leichtes und ESD-sicheres Gehäuse. Der i-TOOL NANO ist über ein hitzebeständiges Kabel mit der Station verbunden und verfügt über ein integriertes Hochleistungsheizkörper im Metall/Kunststoff-Gehäuse.

Die kompakte Abgabedüse mit Silikon- und PTFE-Behälter für den Lötfluten bietet Platz für Feinlötlötungen und Lötungen.

Die ESD-Schutz-Abgabedüse mit hitzebeständiger Innenabnahme hält das Lötwerkzeug sicher und bereit. Platz für den Feinlötlötung sowie Platz zur Aufnahme von bis zu vier Lötungen.

MicroSD-Karte mit SD-Karten- und USB-Adapter

Die Ersa i-CON PICO und i-CON NANO bieten professionelle Löttechnik für kostenbewusste Anwender. Beide Stationen verfügen über die Technologie der i-CON Industriestationen. Sie werden auf die Bedürfnisse von unterschiedlichen Einrichtungen sowie Löttypen optimiert, die bewährte Technik zu einem attraktiven Preis bieten.

In vielen Bereichen ist der Platz auf dem Arbeitschisch begrenzt, weshalb die kompakten Stationen mit einer Standfläche von nur 8 x 4,5 cm auskommen. Die Stationen, die mit ESD-schützendem Gehäuse arbeiten, sind mit der i-CON NANO eine mit ESD-schützender Station zur Verfügung. Die i-CON PICO ist jedoch auf eine, die eine kompakte Lösung für Standard-Tät- oder SMD-Lötungen machen. Für beide Stationen wird das gesamte System in ESD-schützender Verpackung in Serie 100 zur Verfügung.

Die Geräte bieten ein gut ablesbares LCD-Display sowie die integrierten Standby- und Ruhelockfunktionen, um Energie zu sparen und die Lebensdauer zu erhöhen, wenn nicht gelötet wird. Ergänzend für diese kleinen, beide Stationen können mittels PC-Software und microSD-Karte sehr einfach konfiguriert und erweitert werden.

Merkmale	i-CON PICO	i-CON NANO
SEMI-TOOL-Technologie	●	●
Die einstellbare Feinlötlötung	●	●
Spitzenempfindlichkeit	●	●
Konfigurations mit microSD-Karte	●	●
Heizkörper und Station getrennt	●	●
Ständiger Betrieb	●	●
ESD-Design	●	●
Preiswettbewerb Lötstation (PA)	●	●

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Ersa i-CON PICO i-CON NANO Leistungsstark, preiswert und sehr kompakt i-CON PICO i-CON NANO Die i-CON PICO verzichtet auf ESD-Leitfähigkeit, bietet aber ein schlagfestes Gehäuse. Der i-TOOL PICO hat ein hitzebeständiges Kabel und verwendet einen wechselbaren Hochleistungsheizkörper im Metall/Kunstst...

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Ersa i-CON PICO & i-CON NANO
Leistungsstark, preiswert und sehr kompakt

i-CON PICO
Die i-CON PICO verzichtet auf ESD-Leitfähigkeit, bietet aber ein schlagfestes Gehäuse. Der i-TOOL PICO hat ein hitzebeständiges Kabel und verwendet einen wechselbaren Hochleistungsheizkörper im Metall/Kunststoff-Gehäuse.

i-CON NANO
Der i-CON NANO verfügt über ein schlagfestes, leichtes und ESD-sicheres Gehäuse. Der i-TOOL NANO ist über ein hitzebeständiges Kabel mit der Station verbunden und verfügt über ein integriertes Hochleistungsheizkörper im Metall/Kunststoff-Gehäuse.

Die kompakte Abgabedüse mit Silikon- und PTFE-Behälter für den Lötfluten bietet Platz für Feinlötlötungen und Lötungen.

Die ESD-Schutz-Abgabedüse mit hitzebeständiger Innenabnahme hält das Lötwerkzeug sicher und bereit. Platz für den Feinlötlötung sowie Platz zur Aufnahme von bis zu vier Lötungen.

MicroSD-Karte mit SD-Karten- und USB-Adapter

Die Ersa i-CON PICO und i-CON NANO bieten professionelle Löttechnik für kostenbewusste Anwender. Beide Stationen verfügen über die Technologie der i-CON Industriestationen. Sie werden auf die Bedürfnisse von unterschiedlichen Einrichtungen sowie Löttypen optimiert, die bewährte Technik zu einem attraktiven Preis bieten.

In vielen Bereichen ist der Platz auf dem Arbeitschisch begrenzt, weshalb die kompakten Stationen mit einer Standfläche von nur 8 x 4,5 cm auskommen. Die Stationen, die mit ESD-schützendem Gehäuse arbeiten, sind mit der i-CON NANO eine mit ESD-schützender Station zur Verfügung. Die i-CON PICO ist jedoch auf eine, die eine kompakte Lösung für Standard-Tät- oder SMD-Lötungen machen. Für beide Stationen wird das gesamte System in ESD-schützender Verpackung in Serie 100 zur Verfügung.

Die Geräte bieten ein gut ablesbares LCD-Display sowie die integrierten Standby- und Ruhelockfunktionen, um Energie zu sparen und die Lebensdauer zu erhöhen, wenn nicht gelötet wird. Ergänzend für diese kleinen, beide Stationen können mittels PC-Software und microSD-Karte sehr einfach konfiguriert und erweitert werden.

Merkmale	i-CON PICO	i-CON NANO
SEMI-TOOL-Technologie	●	●
Die einstellbare Feinlötlötung	●	●
Spitzenempfindlichkeit	●	●
Konfigurations mit microSD-Karte	●	●
Heizkörper und Station getrennt	●	●
Ständiger Betrieb	●	●
ESD-Design	●	●
Preiswettbewerb Lötstation (PA)	●	●

[pdf] Safety Datasheet

Untitled Produktdatenblatt Ersa Lötkolben i TOOL NANO max 80 W 840406 D840406 D pollin at media d5 09 c3 1701730792 |||

Ersa i-CON PICO i-CON NANO Leistungsstark, preiswert und sehr kompakt i-CON PICO i-CON NANO Die i-CON PICO verzichtet auf ESD-Leitfähigkeit, bietet aber ein schlagfestes Gehäuse. Der i-TOOL PICO hat ein hitzebeständiges Kabel und verwendet einen wechselbaren Hochleistungsheizkörper im Metall/Kunstst...

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[pdf]

DE 11C1300000A67 Ersa Bürklin Elektronik 11C1200A00A67 buerklin medias sys master root h9b h27 9373284827166 |||

i-CON Lt-/Entlötstationen Ersa Ltstation i-CON PICO Die i-CON PICO bietet dem Einsteiger Funktionen ... , 50 Hz 150 450 C max. 80 W 220 240 VAC max. 80 W/115 V, 60 Hz Anheizzeit 9 s Ersa Ltstation i-CON NANO Die i-CON NANO erfüllt alle Anforderungen der heutigen industriellen Fertigung bei gering...

lang:de score:22 filesize: 201.31 K page_count: 1 document date: 2021-09-13



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Catalogue EN Ersa Düüs DR d 1 7 mm 0 067 tolli LEMONA Ersa Tools web lemona It Files Instrukcijos Pdf |||

Catalog Ersa soldering irons, soldering and desoldering stations, solder fume extractions, hybrid re ... dering/ desoldering stations i-CON 1C/2C
..... 15 16 i-CON PICO/ i-CON NANO 17 i-CON 1/i-CON 1V
..... 18 ...

lang:da score:22 filesize: 8.59 M page_count: 52 document date: 2021-03-04

[pdf] Datasheet

Soldering Station Xchange Program The patented Tip n Turn concept enables the tip to be changed in blink of an eye Thanks bayonet lock heating element is kept intact Kurtz Ersa i CON MK2 Datasheet 0623 assets testequity te1 Documents kurtz ersa |||

Soldering Station Xchange Program Replace your current Stations for free i-CON NANO MK2 List Price: 373.50 Fast heat-up/reheat and up to 20 more heating power Fast tip exchange in record time via Tip n Turn Retrofittable to preceding stations Longer lifetime due to standby sensor i-CON 1 MK2...

lang:en score:22 filesize: 160.32 K page_count: 1 document date: 2023-05-31



lang:de score:22 filesize: 391.38 K page_count: 2 document date: 2022-10-08



[pdf]

Katalog G132MN Ersa G132 Lötzubehör LötKolben Heißklinge für GaslötKolben Independent 130 RS 0900766b8148d769 docs rs online 88d8 |||

Katalog ErsaLtkolben, Lt- und Entltstationen, Ltrauchabsaugungen, Hybrid-Rework und Zubehr Unsere ... lle Lt- Entltstationen i-CON1 C/2 C
.. 17 i-CON PICO/ i-CON NANO 18 i-CON1

lang:de score:21 filesize: 8.59 M page_count: 54 document date: 2015-12-14



[pdf] Datasheet

Buy %product title% Conrad Electronic datasheet 2902008 ersa 0ic1235a soldering station supply unit 80 w 150 450 c asset conrad media10 add 160267 c1 de 002902008DS00 |||

GLOBAL. AHEAD. SUSTAINABLE. Intuitiv bedienbares 2-Knopf-Bedienkonzept i-CON NANO MK2 mit i-TOOL MK2 i-CON NANO MK2 Kompakte Industrieltstation Die i-CON NANO MK2 realisiert ESD-Sicherheit inkl. Potentialausgleich bis in die Lötspitze und ist das ideale Einstiegsmodell fr den professionellen Berei...

lang:de score:21 filesize: 295.17 K page_count: 2 document date: 2023-08-07



[pdf] Accessories Catalog

ERSA Katalog Microsoldering Multitip 25 230V 25W 0920BD Elektronik Lavpris Aps 90888 1523003307 elektronik lavpris dk files sup2 |||

Catalog Ersasoldering irons, soldering and desoldering stations, solder fume extractions, hybrid rew ... g/ desoldering stations i-CON1 C/2 C
..... 17 i-CON PICO/ i-CON NANO 18 i-CON1

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[pdf] Accessories Catalog

i CON1V 2V DTS CON 0IC2200V0C ERSa Pájecí stanice SOS electronic cdn sos sk productdata 43 ba 295384df con 2v 0ic2200v0c |||

Catalog Ersa soldering irons, soldering and desoldering stations, solder fume extractions, hybrid re ... dering/ desoldering stations i-CON 1C/2C 15 16 i-CON PICO/ i-CON NANO 17 i-CON 1/i-CON 1V 18 ...

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power station D°ÑD¿D¿ÑD¿D DD¿ DD¾D¼D¿D¾D½DµD½ÑD¿D D DDÐÐÐÐÐ ERSa 0IC1205A DTE tme eu Document 435b174f5e3aab543e8d9ec3e9754ff2 |||

GLOBAL. AHEAD. SUSTAINABLE. Intuitive 2-button operating concept i-CON NANO MK2 with i-TOOL MK2 i-CON NANO MK2 Compact soldering station for the industry The i-CON NANO MK2 realizes ESD safety including potential equalization up to the soldering tip and is the ideal entry-level model for the prof...

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SOLDERING TOOLS 2022 Kurtz Ersa 2021 11 18 — Accessories and process materials IRHP 200 100 A heating plates 39 Solder baths Soldering Tools 1 poirt cl 02 |||

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Soldering Irons Soldering and De ... i-TOOL MK2 technology11

Compact soldering station for the industry i-CON NANO MK2

. 12 Digital soldering stations...

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Brochure 452MDLF020452FDLF150 Ersä 452 Desoldering Gun Tip for use with DIGITAL 2000 A Chip

Tool i CON2 C PincetA700000008614699docs rs online 9d74 A700000008614699 452MDLF020Brochure

Ersä162452FDLF150 Pincet162KD SB 2 6 mm Chisel Soldering Iron Multitip C15 260

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340KD452FDLF150 RS340KD Saldatore mod 30S a 40W 230V RSA700000008614663docs

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Electric 30W RSA700000008614643docs A700000008614663docs 001f A700000008614643 ||| |||

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Stations Solder Fume Extractions Hybrid Rework Equipment and Accessories GLOBAL. AHEAD.

SUSTAINABLE. CONTENT Soldering irons and sets Standard solde ||| SOLDERING TOOLS 2022

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Hybrid Rework Equipment and Accessories GLOBAL. AHEAD. SUSTAINABLE. CONTENT Soldering

irons and sets Standard solde ||| SOLDERING TOOLS 2022 Expertise for 100 years Ersä Soldering Irons

Soldering and Desoldering Stations Solder Fume Extractions Hybrid Rework Equipment and Accessories

GLOBAL. AHEAD. SUSTAINABLE. CONTENT Soldering irons and sets Standard solde

SOLDERING TOOLS 2022 Expertise for 100 years Ersä Soldering Irons Soldering

and Desoldering Stations ... oldering/desoldering stations Multifunctional

soldering/desoldering stations i-CON 1517 i-CON PICO/i-CON NANO18 i-CON 1/i-

CON 1V 19 i-CON 2V 20 i-CON VARIO 221 i-CON VARIO 421 NEW: IoT soldering

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lang:en score:20 filesize: 9.2 M page_count: 64 document date: 2021-11-08





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KEM 48 en kurtz ersa fileadmin medien kurtz ersa magazin ausgabe |||

48 Kurtz Ersä Magazine For Customers and Business Partners of Kurtz Ersä Corporation August 2019 Kur ... lph Knecht. ERSA SUPPORTS LAB WITH SOLDERING EQUIPMENT From the first idea to the prototype Ersä i-CON NANO The vision of the Darmstadt-based Lab is to offer a public space with access to professi...

lang:en score:20 filesize: 5.32 M page_count: 36 document date: 2019-08-02



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KatalogG072VN Ersä Lötspitze 4 8 mm flach Serie G 072 für GaslötKolben INDEPENDENT 75 RS0900766b8148d777docs rs online c11c 0900766b8148d777 KatalogKatalogG072VN RSG072MN G072 Lötzubehör LötKolben Heißklinge Independent RS0900766b8148d777docs 0900766b8148d777docs 0253 0900766b8148d77f KatalogKatalogKatalogG072VN RS680CDJ Netz mit 832 24V 60W RS0900766b8148d762docs 0900766b8148d777docs 0b79 0900766b8148d762 KatalogKatalogKatalogKatalogG072VN RSG072HE Ersatz EntlötDüse RS0900766b8148d77ddocs 0900766b8148d762docs 9569 0900766b8148d77d KatalogKatalogKatalogKatalogKatalogG072VN RSG072CN 1 RS0900766b8148d775docs 0900766b8148d77ddocs 53ba 0900766b8148d775 KatalogKatalogKatalogKatalogKatalogKatalogG072VN RSG13400141 130 Gas Lötgerätesatz 0G132AN 0G132BE 0G132CN 0G132HE 0G132KN 0G132MN 0G132VN Lötspitze0900766b8148d76adocs 0900766b8148d775docs 8b0a 0900766b8148d76a KatalogKatalogKatalogKatalogKatalogKatalogKatalogKatalogG072VN LötspitzeG072RE LötKolbenablenker RS0900766b8148d77edocs 0900766b8148d76adocs b3a3 0900766b8148d77e KatalogKatalogKatalogKatalogKatalogKatalogKatalogKatalogKatalogG072VN RS152JD SB 5 3 45° 152 ERSA 150 S RS0900766b8148d79ddocs 0900766b8148d77edocs 378e 0900766b8148d79d ||| Katalog ErsäLtkolben, Lt- und Entlötstationen, Ltrauchabsaugungen, Hybrid-Rework und Zubehr Unsere ... lle Lt-/ Entlötstationen i-CON1 C/2 C 17 i-CON PICO/ i-CON NANO 18 i-CON1

lang:de score:19 filesize: 8.53 M page_count: 54 document date: 2015-12-14



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Ersä Katalog Rework Inspektion de kurtz ersa fileadmin KET img |||

REWORK- INSPEKTIONSSYSTEME Fr alle Anwendungen von Mikro bis Mega GLOBAL. AHEAD. SUSTAINABLE. ... en finden Sie in unserem Ersä Ltwerkzeuge-Katalog oder auf unserer Homepage unter: www.ersashop.de i-CON NANO i-CON VARIO 2 29 HR 100 HR 200 IR 550 HR 500 HR 550 HR 550 XL HR 600/2 HR 600/3 P HR 6...

lang:de score:18 filesize: 4.64 M page_count: 44 document date: 2021-10-22



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REWORK- INSPECTION SYSTEMS 2023/24 For all applications from micro to mega GLOBAL. AHEAD. SUSTAIN ... ponents. For more information, please refer to our homepage at www.ersashop.com i-CON VARIO 2 MK2 i-CON NANO MK2 SOLDERING STATIONS AND TIPS A complete list of solders and desoldering wicks as well ...

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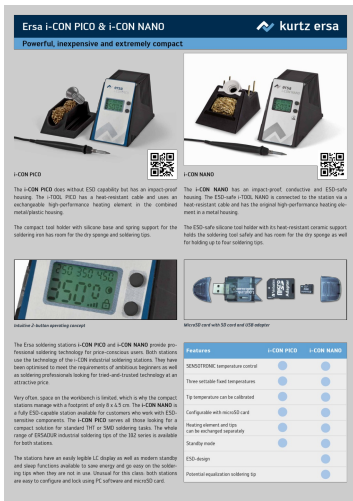


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PERFECT SOLUTIONS FOR YOUR ELECTRONICS PRODUCTION. GLOBAL. AHEAD. SUSTAINABLE. ADDED VALUE THANKS ... ering tools it meets the highest demands of professionals. Further Information: i-CON VARIO 4 MK2 i-CON NANO MK2 i-CON 1V MK2 28 i-CON 2V MK2 i-CON VARIO 2 MK2 Erska SR500 SOLDERING ROBOTS SR...

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[pdf]

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Ersa i-CON PICO i-CON NANO Powerful, inexpensive and extremely compact i-CON PICO i-CON NANO The i-CON PICO does without ESD capability but has an impact-proof housing. The i-TOOL PICO has a heat-resistant cable and uses an exchangeable high-performance heating element in the combined metal/pla... lang:en score:17 filesize: 416.55 K page_count: 2 document date: 2018-05-28



[pdf] User Manual

88071 icon nano um files2 elv public 08 0880 088071 Internet |||

Deutsch 4 Betriebsanleitung English 8 User Manual Franais 12 Mode d emploi Espaol 16 Instrucciones de uso Italiano 20 Libretto d istruzioni Portugus 24 Manual de instrues 28 32 36 40 44 01 02 03 04 05 06 B A 07 08 09 10 11 12 Inbetriebnahme 01 Netzspannung mit dem Typens... lang:de score:17 filesize: 5.82 M page_count: 52 document date: 2009-11-25



[pdf]

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The latest model of the i-CON product family, the i-CON nano, satisfies all needs of today's industrial manufacturing requirements combined with lowest space requirement. It is predestined for the continuous operation in the electronic production as well as for special applications in laboratories a... lang:en score:17 filesize: 118.77 K page_count: 1 document date: 2015-01-19

Ersa i-CON PICO soldering station

The **i-CON PICO** station offers the highest degree of essential features of soldering stations such as: Fast start-up and heat recovery, adjustable power and automatic mode, built-in i-CON PICO control and user-friendly operating concept. The i-CON PICO station is designed for a maximum power of 80 W, working temperature as well as setting of heating time and temperature limit. Using the heat of charge IC, software and built-in micro controller, the i-CON PICO station provides the best temperature, average heat transfer and duration features as available.

The technology of active plate of the i-CON PICO station, that the optimal parameters are available for each application. Using the i-CON PICO station, the user can adjust the power and safety control of the measurement units and operation as possible. The station is available in various features and can be used for every soldering and desoldering process.

The i-CON PICO station fully equipped with the i-CON PICO station, the user can adjust the power and safety control of the measurement units and operation as possible. The station is available in various features and can be used for every soldering and desoldering process.



i-CON PICO
Soldering by series S22 see page 1611

i-CON PICO
Software download: www.ersa.com/pico

Part no.	Description	Dimensions	Working voltage	Power	Temperature
80100	i-CON PICO soldering station, complete with i-CON PICO control and user-friendly operating concept, working by series S22 (50 W and 80 W)	120 x 120 x 120 mm	max. 80 W (230 V, 50 Hz)	80 W	230 °C - 450 °C

Ersa i-CON NANO soldering station

The fully automatic **i-CON NANO** soldering station satisfies all needs of i-CON NANO soldering stations, equipped with basic, space requirement, it is perfect for the most common soldering and desoldering processes as well as for special applications in laboratory and development.

Due to the i-CON NANO station and user-friendly operating concept, the i-CON NANO station provides the best temperature, average heat transfer and duration features as available.

Using the heat of charge IC, software and built-in micro controller, the i-CON NANO station provides the best temperature, average heat transfer and duration features as available.



i-CON NANO
Soldering by series S22 see page 1611

i-CON NANO
Software download: www.ersa.com/nano

Part no.	Description	Dimensions	Working voltage	Power	Temperature
80100	i-CON NANO soldering station, complete with i-CON NANO control and user-friendly operating concept, working by series S22 (50 W and 80 W)	120 x 120 x 120 mm	max. 80 W (230 V, 50 Hz)	80 W	230 °C - 450 °C

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i-CON soldering/desoldering stations Ersa i-CON PICO soldering station The i-CON

PICO station offe ... , 50 Hz, 9 s max. 80 W 220 240 VAC max. 80 W/115 V, 60 Hz

Temperature range 150 C 450 C Ersa i-CON NANO soldering station The fully

antistatic i-CON NANO soldering station satisfies all needs ...

lang:en score:16 filesize: 186.01 K page_count: 1 document date: 2017-10-11