



solutions catalogue

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THE BROADLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS


2013
2014








ERSA / Germany, is Europe's largest manufacturer of soldering systems with the world's largest product range for the PCB manufacturing industry including reflow, wave and selective soldering machines, rework & inspection systems, as well as soldering hand tools.


 ERSA / Německo je největší evropský výrobce pájecích systémů s nejširším sortimentem pro výrobu a osazování DPS včetně pájecích přístrojů pro pájení cínovou vlnou, opravárenských a kontrolních systémů, jakož i ručních nářadí pro pájení.

 ERSA / Deutschland ist der größte europäische Hersteller von Lötssystemen mit dem breitesten Sortiment für die Herstellung und Bestückung von Leiterplatten, einschließlich Wellenlötgeräten, Reparatur- und Kontrollsystemen sowie Löt-Werkzeugen.

 A németországi ERSA a forrasztórendszer-ek legnagyobb európai gyártója. Legnagyobb berendezés kínálattal rendelkezik a NYAK-ok gyártására és beültetésére, beleértve az ónhullámmal forrasztó berendezéseket, javító és ellenőrző-rendszereket, valamint a kézi forrasztóeszközöket.

 ERSA / Niemcy, to największy europejski producent systemów lutowniczych z najszerszym asortymentem do produkcji i montażu płytek PCB, włącznie z urządzeniami lutowniczymi do lutowania „na falę”, systemami serwisowymi i kontrolnymi, jak również ręcznych narzędzi do lutowania.

 ERSA / Germania, este cel mai mare producător al Europei de sisteme de sudură cu cea mai largă gamă de producție a lumii pentru industria producătoare PCB, inclusiv mașini de sudură prin refluxie, unde și selective, sisteme de demontare & inspecție, precum și unelte de mână de lipit.

 ERSA / Nemecko, je najväčší európsky výrobca spájkovacích systémov s najširším sortimentom pre výrobu a osadzovanie DPS vrátane spájkovacích prístrojov spajkujúcich cínovou vlnou, opravárenských a kontrolných systémov, ako aj ručných náradí pre spájkovanie.

Ersa production range covers a complete range of soldering equipment and accessories for virtually all types of soldering and desoldering processes.

Ersa products are used by many global producers like Honeywell, Omron, Asus, Bosch, Hyundai, Nokia, Samsung, Siemens and many other.

Why ERSA?



- top quality soldering equipment
- company specialized on soldering equipment with over 90 years experience
- very good price/ performance ratio
- wide range of soldering tips and accessories

Did You Know?



In 1921, ERSA's founding father, Ernst Sachs invented the world's first electric soldering iron for production use in his home in Berlin, Germany. He created the company's title from the first letters of his own two names and ERSA was born.

Soldering Stations



i-Con

i-Con 2

i-CON

ERSA Icon Soldering System:

- 150W Micro Heating Element
- Ultra fast heat-up: 30° C to 350°C in approx. 9 sec. , Stand-by to 350°C in approx. 3 sec.
- Ultra fast heat recovery time
- Process Window Alarm Function alerts operator if tip temp is out of window.
- Three power level settings to control overshoot
- ASM- Automatic Standby Motion Sensor
- Ultra short tip-to-grip: 45mm
- Thinnest & lightest cable for maximum comfort
- Dual material grip with "Soft Pad" stays cool during use
- "One Touch" easy-to-use operation with new i-Op control
- Ultra large, multi-functional display
- Small footprint
- W: 150mm x L: 175mm x H: 100mm
- Automatic tool detection of 6 different soldering & desoldering tools Lowest Running Costs
- Long-life, quick
- Lowest maintenance, station programming and calibration cost
- Highest productivity in hand soldering

Technical Parameters

	i-CON	i-CON 2
Max. Power	80W	150W
Temperature Range		150 - 450°C
Power Supply		230VAC
Output voltage	24VAC	2x240VAC
Set contains	i-CON:	Power station, Soldering Pencil, Safety rest.
	i-CON2:	Power station, 2xSoldering Pencil, 2xSafety rest.

i-CON2 AC

with i-Tool soldering iron with patent pending heating technology and Chip tool

i-CON2 offers all the valueadded features of the revolutionary i-CON in a double iron digital station with multiple soldering and / or desoldering tools for maximum flexibility.

The Chip Tool offers a wide range of SMT desoldering tips for safe and fast removal of the smallest chips (0201,0402, etc.) up to medium size PLCCs.



i-CON2 AXT

with i-Tool soldering iron with patent pending heating technology and X-Tool

i-CON2 offers all the valueadded features of the revolutionary i-CON in a double iron digital station with multiple soldering and / or desoldering tools for maximum flexibility.

The X-Tool is a high powered desoldering iron designed for the toughest through hole desoldering applications which must be used in combination with the CU compressor unit.



i-CON NANO

The electronically temperature controlled soldering station.

- Fully antistatic according to MIL-SPEC/ESA standards
- Small footprint (145 x 80 mm) – saves valuable workbench space
- Ultra light and ergonomically designed i-TOOL NANO with max. 80W of power
- Automatic stand-by function and non-operative mode saves energy & tip life
- Three selectable energy levels
- Calibration function for exact tip temperatures
- Complete system parameterization via simple PC software and micro SD card



Technical Parameters	i-CON NANO
Max. Power	80W
Temperature Range	150 - 450°C
Power Supply	230VAC
Output voltage	16,5VDC
Set contains	i-CON NANO soldering station with i-TOOL NANO soldering iron

DIG 20 A 84

with Power tool soldering iron and ERSA SENSOTRONIC control system

Top-class microprocessor-controlled soldering station distinguished by its flexibility and multifunctionality. Designed for industrial use where high quality is demanded and for repairs and laboratory applications. The device can alternatively be operated with various soldering and desoldering tools. The tools are automatically detected when inserted and the control characteristics accordingly adapted.



Technical Parameters	DIG 20 A 84
Max. Power	80W
Temperature Range	50 - 450°C
Power Supply	230VAC
Output voltage	24VDC
Set contains	Soldering station DIG203A, Soldering Pencil 840CDJ, Safety Rest A29 antistatic.

DIG 20 A XT

with ERSA SENSOTRONIC control and X-Tool desoldering iron

The ERSA DIGITAL 20 is an intelligent, microprocessor controlled soldering station. Outstanding flexibility and multi-functionality sets this system apart from others. Included compressor unit.



Technical Parameters	DIG 20 A XT
Max. Power	80W
Temperature Range	50 - 450°C
Power Supply	230VAC
Output voltage	24VDC
Compressor	
Max. Vacuum	0,8bar
Power	45W
Set contains	Soldering Station DIG203A, Compressor CU100A with X-Tool 720ENJ desoldering iron, Safety Rest A36 antistatic.

RDS 80

Microprocessor-controlled Digital 80 Watt Soldering Station

- Unique temperature control technology, the ceramic PTC heating element replaces the function of the thermocouple.
- Very fast preheating due to high initial power and fast heat recovery for a stable soldering process.
- Great flexibility in handling all applications.
- The newly constructed ergonomic handle



Technical Parameters	RDS 80
Max. Power	80W
Temperature Range	150 - 450°C
Power Supply	230VAC
Output voltage	24VDC
Set contains	Power Station, soldering iron RT80, long-life tip 842CD (2,2mm), safety rest A39

ANA 60

The electronically temperature controlled soldering station.

- Temperature adjustable between 150°C and 450°C
- LED indicator
- Heat up time 60s
- Multifunctional iron stand



Technical Parameters	ANA 60
Max. Power	60W
Temperature Range	150 - 450°C
Power Supply	230VAC
Output voltage	24VDC
Set contains	Soldering station, soldering iron Basic Tool, long-life tip 842CD (2,2mm), Safety Rest.

Gas Soldering Irons

Independent 75 Basic

The ergonomic, antistatic gas soldering iron with piezo ignition is ideal for service and maintenance work, especially if there is no power supply available! The continuously adjustable output of 15 - 75W (compared with electrical soldering irons) allows maximum soldering tip temperatures of up to 580 °C. The Independent is powered by ordinary butane as used in gas lighters. Operating time per gas filling is about 60 min.



Soldering Tips and Irons

212, 832 and other series



Holders

A39

RH-80 Iron Holder for RT-80 irons



A48

Iron Holder for i-Tool irons

