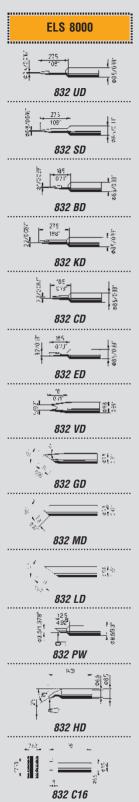
ERSA ELS 8000



means of a thermocouple located near the tip of the soldering or desoldering iron and compares it to the set temperature. The operating Please ask for our tip sheet with additional tips! to the operating status (idle or load), depending on temperature difference and heat requirements. The soldering or desoldering tip is



Electronically temperature-controlled soldering and desoldering station

The electronically temperature-controlled ERSA ELS 8000 soldering and desoldering station is suitable for a wide range of applications for industrial, laboratory and repair work. The ELS 803 H supply unit incorporates a high-power vacuum/compressor unit to make the station independent from compressed air supply. The station also features an integrated 230/24 V mains supply providing connection of two control units. The electronic control units TCS 800 and TCS 800 D (with digital temperature display) are mounted to the supply unit. The temperature of the soldering tip can be adjusted on a continuous scale between 150°C (302°F) and 400°C (752°F).

The station's electronics control measures the actual temperature by status is LED-displayed. The sensitive electronics adjust the heating energy provided with an integrated highresistance connection to the potential equalization socket.

In addition, the 810 CDJ soldering iron is extremely powerful, thanks to its ceramic heating element featuring a high PTC (Positive Temperature Coefficient) and 80 watt rating (at 350°C / 662°F).

Since the cold soldering iron's power draw is a multiple of its nominal rating, the iron is ready for operation within a short time.

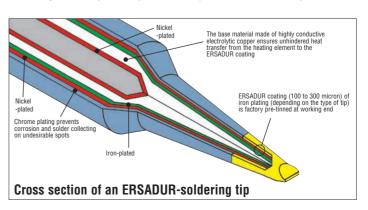
Outstanding features of the internally heated ERSADUR long-life soldering tips are the remarkable thermal conduction and long service life.

The 820 AEJ desoldering iron is fitted with a PTC (Positive Temperature Coefficient) ceramic heating element with integrated temperature probe.

The solder compartment incorporates a heat-resistant glass tube and holder. A knurled screw provides easy and quick removal of solder gathered in the solder compartment. The device is galvanically isolated from the mains supply by means of a safety transformer and operates at a low voltage of 24 V.

The electronics control provides for zero crossing energy supply. A potential equalization socket providing a high-resistance connection to the desoldering tip (or soldering tip) is installed on the front of the control unit.

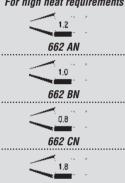
This socket ensures easy integration of the desoldering iron (or soldering iron) into the potential equalization of the workplace.





662 CL For high heat requirements

.U 8



ERSA modular system

662 DN

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Technical data: ELS 803 H supply unit with integrated vacuum/compressor unit Ratina: 240 W Supply voltage: 230 V ~ Secondary voltage: 24 V ~ Fuse: 1 AT 0.5 x 20 mm (0.02 x 0.78 in) Flow rate: max. 7 NI/min max. TCS 800 electronic control unit Voltage: 24 V ~ Adjustment range: continuous between 150°C (302°F) and 400°C (752°F) Temperature adjustment: variable or fixable Function display: LED TCS 800 D electronic control unit with digital display, see TCS 800 Temperature display: actual value in °C with 3-digit LCD display 810 CDJ soldering iron Basic tool 80

Heating time: appr. 35 s Weight (without cable): 52 g / 1.83 oz Cable: 1.5 m / 4.9 ft silicone

Rating: 80 W at 350°C/662°F

Voltage: 24 V ~

820 AEJ desoldering iron Rating: 80 W at 350°C/662°F

Voltage: 24 V ~

Heating time: appr. 90 s Weight (without cable): appr. 135q/4.76oz Cable: 1.5 m / 4.9 ft silicone Suction tube: 1.5 m / 4.9 ft silicone

FES 820 foot switch Voltage: 24 V, 6 A

Order nos.:

ELS 8000 Soldering and desoldering station with two TCS 800

control units

ELS 8000 M Soldering and desoldering

station with TCS 800 and TCS 800 D control unit

ELS 8000 D Soldering and desoldering station with two CS 800 D

control units

and for each ELS 8000 model:

ELS 803 H Supply unit

810 CDJ 80 W soldering iron with 832 CD long-life sold. tip

The 607 AC desoldering head is

Desoldering iron 820 AE.I FES 820 Foot switch

A 09 Tool holder for 810 CDJ SH 01 Soldering tip holder A 13 Tool holder for 820 AEJ SH 02 Desoldering tip holder VM 01 Vacuum gauge 3 N 090 Cleaning brush 3 YN2018-00 Straight-way filter

Spare parts:

81100J Heating element for 810 CDJ 82100J Heating element for 820 AEJ

and 820 ACJ

Accessories:

602 TE Mini solder bath 607 AE Desoldering head





Soldering iron not included

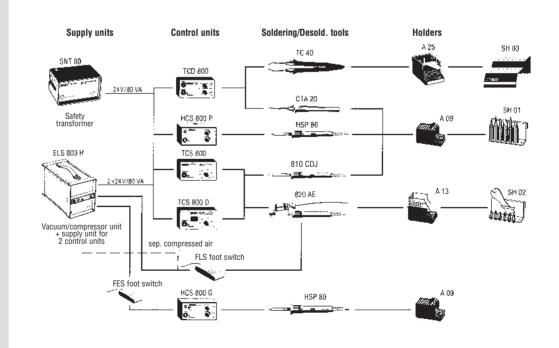
suitable for reliable and quick batch desoldering of wire-ended high-mass or multi-laver components.

The 820 AEJ desoldering and 810 CDJ soldering iron can be retrofitted with the 607 AC desoldering head.

Order nos.:

607 AC Copper desoldering head complete

ERSA special desoldering head for desoldering with major heat requirements



ERSA modular system for more flexibility and higher profitability

The ERSA modular system, tailor-made for a great variety of applications, was designed to increase the multi-functionality of soldering and desoldering stations. The individual modules can be combined according to the specific requirements.

Simple tool changing turns soldering systems into desoldering systems and vice versa. A real advantage for ERSA clients.