Ersa **RDS 80 soldering station**

PTC

The Ersa **RDS 80** digital soldering station offers the Ersa RESISTRONIC temperature control, tried and proven for many years and now with **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.

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 32).

Super price-per-formance ratio

RDS 80

with RT 80 soldering iron, Ersa RESISTRONIC control system
Soldering tip series 832 and 842, see page 40

RT 80: very slim soldering iron featuring a large selection of soldering tips

Potential equalization socket

Application example

Multifunctional display

Ersa **ANALOG 60/60 A soldering stations**

PTC

The electronically temperature-controlled **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.

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 32).

Application example

ANALOG 60

with BASIC TOOL 60 soldering iron, Ersa RESISTRONIC control system
Soldering tip series 832 and 842, see page 40

ANALOG 60 A

with ERGO TOOL soldering iron, Ersa RESISTRONIC control system
Soldering tip series 832 and 842, see page 40

SAFE ersa

Order no.	Description	Rating/voltage	Heating time	Temperature range	Weight (with cable)
0RDS80	RDS 80 soldering station, complete, with RT 80 soldering iron 0890CDJ,	80 W/230 V, 50–60 Hz/24 V 105 W (280 °C)	approx. 40 s	150 – 450 °C	approx. 130 g
1RDS800000A67	soldering tip 0842CD and tool holder 0A39	**80 W/115 V, 50–60 Hz/24 V, 105 W (280 °C)**	(280 °C)		
0ANA60	ANALOG 60 soldering station, complete, with BASIC TOOL 60 soldering iron 0670CDJ, with soldering tip 0832CDLF and tool holder 0A42	60 W/230 V, 50–60 Hz/24 V 60 W (350 °C)	approx. 60 s (280 °C)	150 – 450 °C	60 g
0ANA60A	ANALOG 60 A soldering station, complete, with ERGO TOOL soldering iron 0680CDJ, with soldering tip 0832CDLF and tool holder 0A42	60 W/230 V, 50–60 Hz/24 V 60 W (350 °C)	approx. 60 s (280 °C)	150 – 450 °C	60 g