

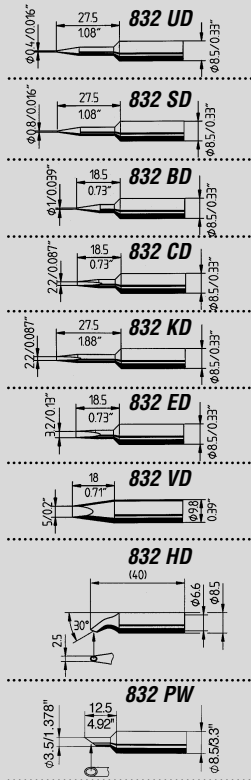
ERSA TWIN 80 A



Micro tool / Ergo tool

65 / 190 W heat up rating

Soldering tips for Micro tool:
see page 20



Cross section of an ERSA DUR soldering tip see page 9

Please ask for our tip sheet with additional tips!



The Twin Soldering Station for SMD and conventional soldering

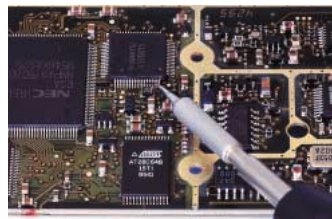
The electronically temperature-controlled and fully antistatic ERSA TWIN 80 A soldering station meets both conventional and SMD soldering requirements, being equipped with two separately controlled soldering tools:

The ultra-light ERSA **Micro tool** SMD soldering iron providing 30 W at 280°C (545°F), and the ergonomically designed ERSA **Ergo tool** providing 75 W at 280°C (545°F).

The two soldering tools can be used simultaneously and controlled separately. This allows you to work on mixed-technology PCBs and to avoid tool, tip, and temperature changes that would otherwise be necessary. The exceptionally easy-to-handle and **ultra-light (25 g/1 oz)** ERSA **Micro tool** has a complete range of SMD soldering tips, from the 0.2 mm (0.008") pencil-type tip to the revolutionary ERSA Micro Well tip for installing SMT components in a matter of seconds.

The ERSA **Ergo tool** tips range from the 0.4 mm (0.016") pencil-type tip to the 5.0 mm (0.2") chisel-type tip, which means it can satisfy virtually all soldering requirements. The proven ERSA RESISTRONIC control system, which measures the resistance of the heating element, regulates the power applied in accordance

with the soldering requirements. The potential equalization jack on the front of the station ensures the safety of the components. The two multifunctional holders with their swiveling sponge containers also function as hot tip holders. In addition, the holder is designed so that you can use ERSA soldering irons with virtually any commercially available solder fume extraction system provided you have an adapter.



The ultra-fine 0.2 mm (0.008") tip (212 SD)

Order nos.:

- TW 80 A** TWIN 80 A soldering station complete consisting of:
- TW 803 A** Electronic station
- 680 CDJ** Ergo tool soldering iron with 832 CD soldering tip
- 270 BDJ** Micro tool soldering iron with 212 BD soldering tip
- A 29** 2 x Holder
- Spare parts:**
- 68100 J** Spare heating element for Ergo tool
- 21100 J** Spare heating element for Micro tool

Technical data:

TW 803 A electronic station

Supply voltage: 230 V~, 50-60 Hz

Secondary voltage: 24 V~

Rating: 80 W

Control technique: RESISTRONIC

Temperature range: stepless

150°C(300°F) - 450°C(840°F) Ergo tool

150°C(300°F) - 400°C(750°F) Micro tool

Function display: red LED

Cable: 2 m (6.6 ft) PVC with connector

Model: safety insulated, antistatic

according to MIL-SPEC/ESA standards

Ergo tool soldering iron

Voltage: 24 V~

Rating: 75 W / 280°C (545°F)

- 60 W / 350°C (660°F)

Heat up rating: 190 W

Heating time: appr. 60 s (to 280°C/545°F)

Weight (without cable): appr. 60 g (2.4 oz)

Cable: 1.5 m (4.9 ft) highly flexible/

heat resistant, antistatic

Model: antistatic acc. to MIL-SPEC/ESA

Micro tool soldering iron

Voltage: 24 V~

Rating: 30 W / 280°C (545°F)

- 20 W / 350°C (660°F)

Heat up rating: 65 W

Heating time: appr. 50 s (to 280°C/545°F)

Weight (without cable): appr. 25 g (1 oz)

Cable: 1.2 m (3.9 ft) highly flexible/

heat resistant, antistatic

Model: antistatic acc. to MIL-SPEC/ESA



The Ergo tool with a fine soldering tip (832 BD)