

ERSA DIGITAL 80 A

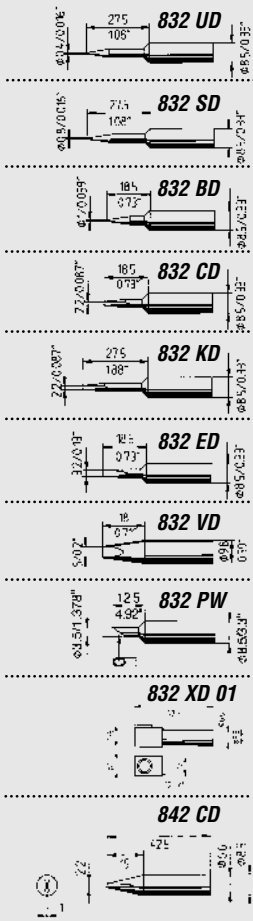


Power tool



290 W heat up rating

Maximum Power with the smallest grip



Cross section of an ERSADUR-soldering tip see page 9

Please ask for our tip sheet with additional tips!

The ERSA SENSOTRONIC temperature control system allows precise temperature adjustment and monitoring by means of the large size digital display. **Actual tip temperature-measurements are rapidly and accurately displayed for increased process control.**

The ERSA DIGITAL 80 A is fully antistatic, in compliance with MIL-SPEC/ESA standards and has a potential equalization jack with a high-resistance connection to the soldering tip, for maximum component safety. The high-performance ERSA **Power tool** soldering iron with an impressive **heat up rating of 290 watts** is particularly suitable for extremely heavy soldering applications by providing a controlled supply of heat and a rapid response. SENSOTRONIC heat regulation via an internal thermocouple located near the working end of the tip offers up to 290 W power to handle every job. And in spite of its small size (52 g/2.1 oz), it ensures repeatable results at lower working temperatures. The ERSA DIGITAL 80 A has a continuously adjustable temperature range from 50°C (120°F) to

450°C (840°F) and a large selection of long-lasting **ERSADUR soldering tips**.

The fully antistatic multifunctional holder with its swiveling sponge container also functions as a tip holder.

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.

Technical data:

DIG 803 A electronic station
 Supply voltage: 230/115 V~, 50-60 Hz
 Secondary voltage: 24 V~
 Rating: 80 W
 Control technique: SENSOTRONIC
 Temperature range:
 stepless 50°C (120°F) - 450°C (840°F)
 Function display: 3-digit LED display
 with target/actual value
 Cable: 2 m (6.6 ft) PVC with connector
 Model: safety insulated, antistatic
 according to MIL-SPEC/ESA standards

Power tool soldering iron

Voltage: 24 V~
 Rating: 105 W / 280°C (545°F)
 - 80 W / 350°C (660°F)
 Heat up rating: 290 W
 Heating time: appr. 40s (to 280°C/545°F)
 Weight (without cable): appr. 50 g (2 oz)
 Cable: 1.5 m (4.9 ft) highly flexible/
 heat resistant, antistatic
 Model: antistatic according to
 MIL-SPEC/ESA standards

Order nos.:

- DIG 80 A** DIGITAL 80 A
 soldering station complete
consisting of:
DIG 803 A Electronic station
840 CDJ Power tool soldering iron
 with 842 CD soldering tip
A 29 Tool holder
Spare parts:
84100J Spare heating element
 for Power tool
Accessories:
A 35 Holder for mini solder
 baths of the 832 XD
 series



Holder for mini solder baths of the 832 XD series

High performance with low temperature



Power tool with an 832 VD chisel-type tip