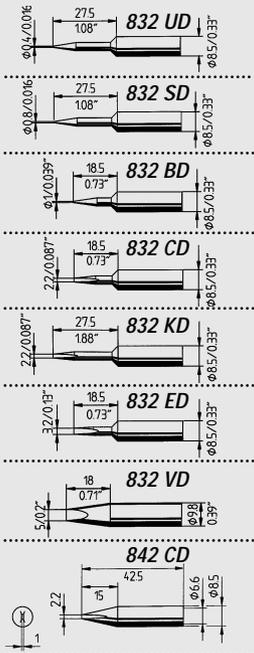


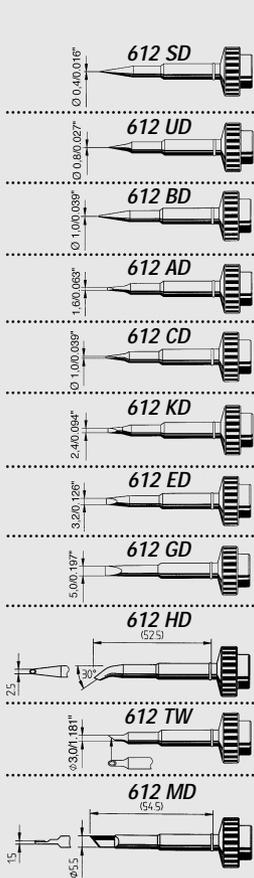
# ERSA DIGITAL 2000 A

**NEW**

## Power tool



## Tech tool



Please ask for our tip sheet with additional tips!

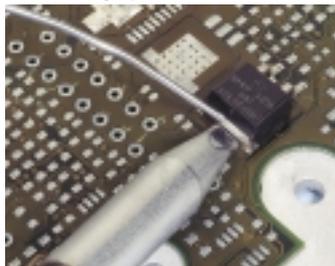


Fig. shows electronic station with its alternately connectable tools



## User-friendly and multi-functional 80 W soldering station

The ERSA DIGITAL 2000 A is an intelligent, microprocessor controlled soldering station. Outstanding flexibility and multi-functionality sets this system apart from others. The ERSA DIGITAL 2000 A is fully anti-static according to MIL-SPEC/ESA standards and has a potential equalization jack with a high-resistance connection to the soldering or desoldering tip.



Power tool soldering iron for increased heat supply

Further features are: set value adjustment, the possibility to select °C or °F on the temperature unit, selection of a stand-by period between 0 - 60 minutes, offset and calibrating function, as well as the possibility to block any adjustments by a 3-digit pass word. The station's heating system can be adjusted to the corresponding application with the help of the integrated "Energy Function".



SMD-soldering with the Micro tool

If only one soldering iron is required, all programs are available for this iron.

The temperature is controlled by a digital PID algorithm, optimized for precise and quick temperature control.



Conventional desoldering with the ERSA X-Tool

The following tools can be operated with this station: soldering irons Tech tool, Micro tool, Power tool, Pincette 40 desoldering tweezers and X-Tool desoldering iron. The soldering station automatically identifies the tools when they are connected and adjusts automatically according to the tool's requirements.

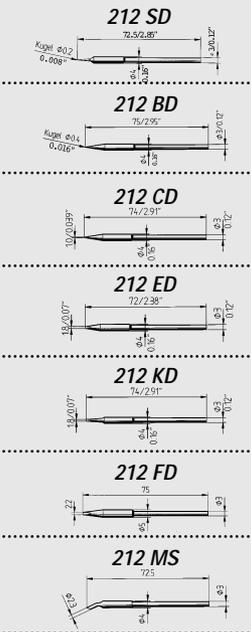
Apart from multi-functionality, simple and comfortable operation is another highlight of the station.

To increase user-friendliness, the soldering station also includes 4 programs. Each program can be configured independently and differently with the above mentioned functions. Each soldering iron has its own program, and when the tools are changed, the soldering station automatically switches to the corresponding program. Consequently, the DIGITAL 2000 A is perfectly suited for operation with the Tool Selector (see page 19).

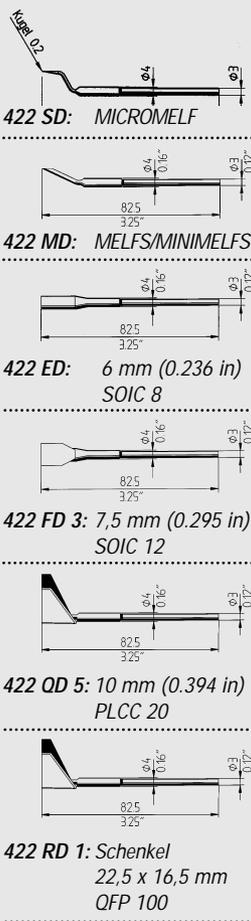
### Technical data:

**DIG 203 A electronic station**  
 Supply voltage: 230V~, 50-60 Hz  
 Secondary voltage: 24 V-  
 Rating: 80 W  
 Control technique: SENSOTRONIC with digital PID control  
 Temperature range: stepless 50°C (120°F) - 450°C (840°F)  
 Function display: 4-digit LED display with menu control  
 Cable: 2 m (6.6 ft) PVC with connector  
 Model: antistatic according to MIL-SPEC/ESA standards

**Micro tool**



**Pincette 40**



**Power tool soldering iron**  
 Voltage: 24 V-  
 Rating: 105 W / 280°C (564°F) -  
 80 W / 350°C (662°F)  
 Heat up rating: 290 W  
 Heating time: appr. 40 s (to 280°C/564°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

**Tech tool soldering iron**  
 Voltage: 24 V-  
 Rating: 70 W / 280°C (564°F) -  
 60 W / 350°C (662°F)  
 Heat up rating: 130 W  
 Heating time: appr. 12 s (to 280°C/564°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

**Micro tool soldering iron**  
 Voltage: 24 V-  
 Rating: 30 W / 280°C (564°F) -  
 20 W / 350°C (662°F)  
 Heat up rating: 65 W  
 Heating time: appr. 50 s (to 280°C/564°F)  
 Weight (without cable): appr. 25 g (1 oz)  
 Cable: 1.2 m (3.9 ft) highly-flexible/  
 heat resistant, antistatic  
 Model: antistatic according to  
 MIL-SPEC/ESA standards

**Pincette 40 SMD desoldering tweezers**  
 Voltage: 24 V-  
 Rating: 2 x 30 W / 280°C (564°F) -  
 2 x 20 W / 350°C (662°F)  
 Heat up rating: 130 W  
 Heating time: subject to soldering tip  
 Weight (without cable): appr. 75 g (3 oz)  
 Cable: 1.2 m (3.9 ft) highly-flexible/  
 heat resistant, antistatic  
 Model: antistatic according to  
 MIL-SPEC/ESA standards

**X-Tool 720ENJ desoldering iron**  
 Voltage: 24 V-  
 Weight: appr. 240 g (9.6 oz)  
 (incl. cable and tip)  
 Heating elements: 2 x 60 W  
 (at 350°C/662°F)  
 Temp. measurement:  
 Ni-CrNi-thermocouple  
 Initial vacuum: up to 800 mbar  
 Distance handle to desoldering tip:  
 appr. 70 mm (2.8 in)  
 Model: antistatic



**DIG 20 A 84**



**DIG 20 A 64**



**DIG 20 A 27**



**DIG 20 A 43**



**DIG 20 A XT**

**Order nos.:**  
**DIG 20 A 84** DIGITAL 2000 A electronic station, 80 W, antistatic, complete with Power tool soldering iron  
 consisting of:  
**DIG 203 A** Electronic station, 230/24 V, 80 W, antistatic  
**840 CDJ** Power tool soldering iron, 24 V, 80 W, antistatic with 842 CD soldering tip  
**A 29** Antistatic tool holder  
**Spare parts:**  
**84100J** Heating element for Power tool, 24 V, 80 W, antistatic

**DIG 20 A 64** DIGITAL 2000 A electronic station, 80 W, antistatic, complete with Tech tool soldering iron  
 consisting of:  
**DIG 203 A** Electronic station, 230/24 V, 80 W, antistatic  
**640 ADJ** Tech tool soldering iron, 24 V, 60 W antistatic with 612 AD soldering tip  
**A 29** Antistatic tool holder  
**Spare parts:**  
**64100J** Heating element for Tech tool, 24 V, 60 W, antistatic

**DIG 20 A 27** DIGITAL 2000 A electronic station, 80 W, antistatic, complete with Micro tool soldering iron  
 consisting of:  
**DIG 203 A** Electronic station, 230/24 V, 80 W, antistatic  
**270 BDJ** Micro tool, soldering iron 24 V, 20 W antistatic with 212 BD soldering tip  
**A 29** Antistatic tool holder  
**Spare parts:**  
**21100J** Heating element for Micro tool, 24 V, 20 W

**DIG 20 A 43** DIGITAL 2000 A electronic station, 80 W, antistatic, complete with Pincette 40 SMD desoldering tweezers  
 consisting of:  
**DIG 203 A** Electronic station 230/24 V, 80 W, antistatic  
**430 EDJ** Pincette 40 SMD desold. tweezers, 24 V, 2 x 20 W, antistatic with 422 ED tips  
**A 30** Antistatic tool holder  
**Spare parts:**  
**42100J** Heating element for Pincette 40, 24 V, 20 W

**DIG 20 A XT** DIGITAL 2000 A electronic desoldering station, 80 W, antistatic, complete with X-Tool desoldering iron  
 consisting of:  
**DIG 203 A** Electronic station, 230/24 V, 80 W, antistatic  
**CU 100 A** CU 103A compressor unit with X-Tool 720 ENJ desoldering iron and A 36 tool holder  
**Spare parts / accessories:**  
 please see XTOOLKIT1, page 18

fig. without  
 CU 103 A  
 compressor unit