

DIGITAL 2000A, Soldering station temperature controlled 80 W, with Chip-Tool 2x20 W



- ERSA Digital 2000 A with CHIP tool
- The ERSA DIGITAL 2000 A is a top-class microprocessor-controlled soldering station that is characterized by flexibility and multifunctionality.
- It is antistatic according to MIL-SPEC / ESA standard and designed for industrial use with high quality requirements as well as for repair and laboratory use.
- The device can alternatively be operated with different soldering / desoldering tools
- In addition to the Power tool and Tech tool universal soldering irons, the Micro tool fine soldering iron, the CHIP tool desoldering tweezers and the X-TOOL desoldering iron can also be connected.
- The tools are automatically recognized during insertion and the control behavior is adapted accordingly.
- The soldering and desoldering tips are then always connected with high impedance to the potential equalisation socket on the front side.
- The station is simple and user-friendly to operate
- The desired temperatures, the temperature unit °C / °F, the standby time 0 to 60 minutes, a tip offset and a calibration function as well as a three-digit password lock can be set via

just three keys and simple menu navigation.

- The energy function allows to influence the heating-up and post-heating behaviour.
- In addition, the soldering station has 4 programs
- Each program can be configured separately and differently with the functions listed above.
- A fixed program is assigned to each soldering or desoldering tool.
- When a tool is changed, the station automatically changes the program.
- An optimal use, especially in connection with the Tool Selector, is thus guaranteed.
- The multifunctional with convenience: If only one tool is used, all programs can also be used for this purpose.
- A 5th programme position contains a temperature measuring function.
- The temperature sensor DIG 207 is required for this.
- With the help of the calibration function, the actual soldering tip temperature is brought into exact agreement with the temperature indicated on the LED display.
- This requires a suitable soldering tip temperature measuring device, e.g. ERSA DTM series.
- The temperature of the ERSA DIGITAL 2000 A soldering station is controlled by a digital PID algorithm.
- This is optimized for very accurate and fast temperature control.
- All connectable soldering and desoldering devices have enormous power reserves due to the PTC heating elements arranged inside the tips.
- At a peak temperature of 280°C, it is 105 W for the Power tool, 70 W for the Tech tool, 30 W for the Micro tool, 2 x 20 W for the CHIP tool and 120 W for the X-TOOL.
- This also guarantees safe and high-quality soldering and desoldering results.
- All soldering and desoldering tools are operated with low voltage 24 V and have a highly flexible, heat-resistant and antistatic connection cable.
- For tip change we recommend the tip change tool with flat nose pliers and side cutter function.
- The SMD desoldering tool ERSA Pincette 40 is used for safe and fast desoldering of SMD components.
- ERSA offers an incredibly wide range of desoldering inserts, so that all component sizes can be machined without any problems, from micromelfs to PLCC and PQFB components.
- The 0DIG20A43 consists of an electronic station with mains cable, a desoldering tweezer ERSA CHIP tool with desoldering tip set and a storage stand with viscose and dry sponge made of metal wool.

item number	WL22699
model	DIGITAL 2000A
manufacturer	ERSA
manufacturer item number	0DIG20A45
length with packaging	330 mm

width with packaging	220 mm
height with packaging	110 mm
order unit	1 piece
content unit	1 piece
RoHS conform	yes
power	80 W
nominal power	80 W
voltage	230 V
supply voltage	230 V
secondary voltage	24 V
temperature range °C	50 – 450 °C
suitable tips	422
soldering tip diameter	2 mm
tip shape	tapered
station type	soldering station
digital display	yes
compensational heaters	042100J
suitable handle	0450MDJ
ESD safe	yes