

DIGITAL 2000 A

Proven many times over: the universal, robust industrial soldering station



CE PTC

Order information

Order no.	Description
0DIG20A84	DIGITAL 2000 A electronic station, complete, with POWER TOOL soldering iron (0840CDJ) with soldering tip 0842CDLF and tool holder 0A42 with dry sponge 0008M
0DIG20A45	DIGITAL 2000 A electronic station, complete, with CHIP TOOL desoldering tweezers (0450MDJ), with tips 0452MDLF020 and tool holder 0A43 with dry sponge 0008M



DIGITAL 2000 A with POWER TOOL soldering iron and Ersa SENSOTRONIC control. Soldering tip series 832 and 842 see page 50; Fig. with 0A08MSET.

Ersa **DIGITAL 2000 A** is a microprocessor controlled soldering station distinguished by its flexibility and multifunctionality. It is antistatic according to the MIL-SPEC/ESA standard and designed for industrial use where high quality is demanded as well as for repairs and laboratory applications. The station can alternatively be operated with the POWER TOOL soldering iron or the CHIP TOOL desoldering tweezers, whereas the station auto-

matically detects the tools when inserted and adapts the control characteristics accordingly. The soldering and desoldering tips are connected with high impedance to the front-installed potential equalization socket.

By just three buttons and a simple menu guide, the desired temperatures, the unit of temperature (°C/°F), the standby time, a tip offset and calibration feature and a three-character password-controlled lock can all be set.



POWER TOOL with Ersa SENSOTRONIC control. Soldering tip series 832 and 842 see page 50.

The calibration feature allows the actual soldering tip temperature to be precisely adjusted to the temperature shown in the LC display. For this purpose, a suitable soldering tip temperature measuring device, such as the Ersa DTM 110 (see page 37), is required.



CHIP TOOL with Ersa RESISTRONIC control. Desoldering tip series 422/452 see page 53.

The Ersa DIGITAL 2000 A soldering station regulates the temperature through a digital PID algorithm, optimized for very precise and fast temperature control.

All connectable soldering and desoldering devices have enormous power reserves thanks to the PTC heating elements located inside the tips.

Technical data

Station	Rating/Voltage	Temperature	Soldering iron	Rating/Voltage	Heating time	Weight*
DIGITAL 2000 A	80 W/230 V, 50–60 Hz/24 V	50 – 450 °C	POWER TOOL	80 W (350 °C)	approx. 40 s (280 °C)	approx. 50 g
DIGITAL 2000 A	80 W/230 V, 50–60 Hz/24 V	150 – 450 °C	CHIP TOOL	2 x 20 W (350 °C)	tip dependent	approx. 75 g

*without cable