ERSA DIGITAL 2000 A with X-TOOL   **Art.Nr.: 0DIG20AXT**

ERSA DIGITAL 2000 A with X-Tool

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 antistatic according to MIL-SPEC/ESA standards and has a potential equalization jack with a high-resistance connection to the soldering or desoldering tip.
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.
Further features are: set value adjust-ment, 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".
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. 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 contro

The compressor unit 0CU103A is equipped with a powerful vacuum / compressor aggregate, which makes the station independent from external compressed air connection. .

The ERSA X-Tool is a high-tech tool to desolder wired components from one-sided, two-sided or multilayer circuit boards. In order to prevent any damage to the circuit boards or components, the high performance of the X-tool 120 W (preheating power 260 W) guarantees efficient desoldering with an ideal dwell time even under maximum load lasting over an extended period. The heat energy stored in the solder tip; the powerful heating elements in conjunction with an extraordinarily proficient heat transfer owing to outstanding structural qualities of the removeable desoldring tip; and the presence of a temperature sensor very close to the desoldering tip - all these combine to ensure peak performance at all times.

The desoldering station 0DIG20AVU consists of electronic station 0DIG203A with mains cable 3K120KR053075, compressor unit 0CU103A, desoldering iron ERSA X-Tool with desoldering tip 0722EN1223 and tool holder 0A44.

Technical data

Power rating (Watt):	80
Supply (Volt):	230
Secondary voltage (Volt):	24
Temperature:	50-450
Coating Tip:	nickel-plated tip
Antistatic design:	Yes
Digital Display:	Yes
ISoldering tip interior diameter, mm:	1,2
Kind of desoldering tool:	Desoldering iron
Replacement soldering / desoldering iron:	0720ENJ
Soldering / Desoldering tip:	772
Replacement heating element:	072100J011, 072100J012