

## ERSA SMT 60 AC SMD Soldering & Desoldering Station

The ERSa SMT UNIT 60 AC is most often used in the repair of SMD PCBs. It is the basic device for soldering and desoldering the most common SMD components.

Antistatic according to the MIL-SPEC/ESA standard and therefore safe for electrostatically endangered components, this combination station comes with the Micro tool soldering iron and the Chip tool desoldering pincette.

Both are equipped with the tried and proven ERSa RESISTRONIC temperature control system, with the ceramic PTC heating elements serving as the temperature sensor. The use of these heating elements with a high positive temperature coefficient affords high heat-up power, so that the tools can be brought to the desired operating temperature very fast.

The Micro tool soldering iron and the Chip tool desoldering pincette are connected to the electronic station 0SMT603A through coded plug connectors to prevent a mix-up, and can be independently and simultaneously operated. The internal heating of the tips provides great thermal efficiency.

The soldering and desoldering tips are connected with high impedance to the front-installed potential equalization socket. Both tools are equipped with a highly flexible, heat-resistant and antistatic connecting cable. The Mini, Micro and SolderWell soldering tips (see page 42) allow Fine-Pitch components to be soldered in the shortest possible time with top solder quality. The desoldering tips of the ERSa Chip tool range from paired desoldering tips for MICROMELFs to inserts for PLCC 84 housings (see page 41).

The two duroplastic tool holders have a sponge receptacle with a viscous sponge for tip cleaning and also serve as clearly arranged tip holders.

Since the soldering and desoldering tips are only plugged in, they can be easily exchanged using the ERSa tip exchanger 3ZT00164 even when hot.



### SMT 60 AC

with Micro tool soldering iron and Chip tool,  
ERSa RESISTRONIC control system  
212 soldering tip series see page 42,  
422 desoldering tip series see page 41

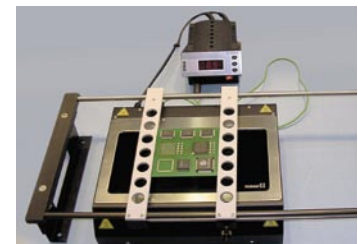


Order no.	Description	Rating / voltage	Heating time	Temperature range	Weight (w/o. cable)
0SMT60AC	SMT 60 AC electronic station complete with Micro tool soldering iron 0270BDJ, tip 0212BDLF and Chip tool - 0450MDJ, tips 0422MD and tool holders 0A42 and 0A43	60 W / 230 V, 50 - 60 Hz / 24 V 20 W (350 °C) 2 x 20 W (350 °C)	approx. 50 s (280 °C) subject to tips	150 °C - 400 °C subject to tips	approx. 25 g approx. 75 g
E045600	Extension set for tip turn protection set for the use of another desoldering tip pair of the 422 series				



### E045600

Extension set for tip turn protection set for the use of another desoldering tip pair of the 422 series



### IRHP 200

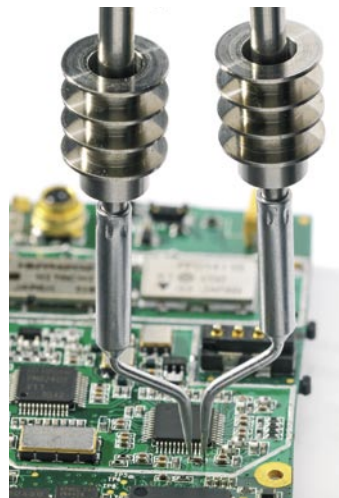
Infrared rework heating plate see page 29

### Quick and easy SMD rework:

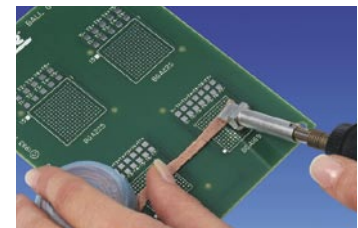
A process description on Fine-Pitch soldering and desoldering of SMD components is available at: [www.ersa.com](http://www.ersa.com)



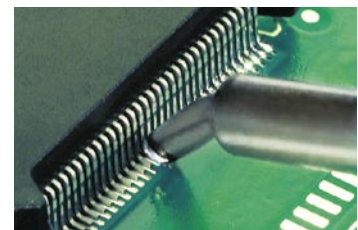
Superfine SMD soldering tip (0212SD)



Desoldering with the Chip tool



Removal of residual solder



SMD soldering with the Micro tool

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