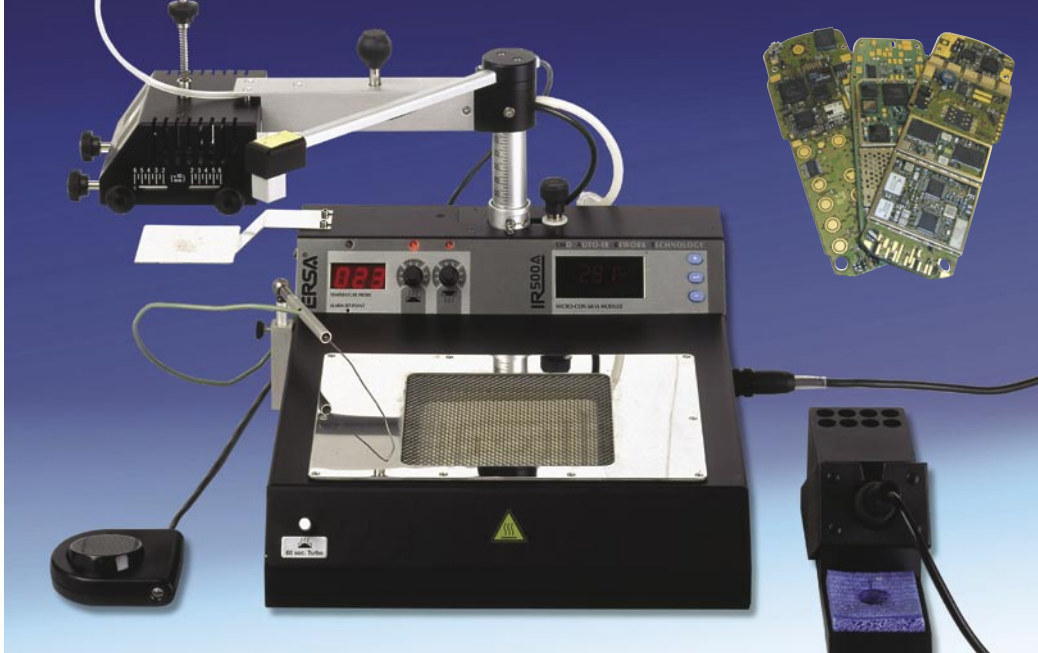


ERSA IR 500 A Rework System: Low Cost BGA/SMT Rework for All Operators and All Budgets!



IR 500 A Rework System - the ideal solution for repairing mobile telephones



Unique 0201-Rework Kit



Hand soldering with the Chip Tool for the smallest SMT chips



X-Y PCB table for ERSA IR Rework Systems

The ERSA IR 500 A rework system is a compact solution for the widest variety of rework and repair applications (BGAs, SMTs and conventional assemblies) which has proven itself with over 4,000 users worldwide.

Utilizing the advantages of dark IR technology (medium wavelength IR, 2-8 μm), the IR 500 A allows for safe and uniform rework without the need for component-specific nozzles. The patented aperture system of the upper IR emitter protects sensitive components against adjacent heating and allows several components to be reworked simultaneously. The integrated vacuum pipette allows the user to automatically lift off a wide variety of components from the PCB during rework. A contact thermocouple with digital display allows for enhanced process control.

The IR 500 A is user-friendly and easy to operate! All in all, the system is distinguished by its compact design and great flexibility; the variety of components it can handle range from the tiniest SMT chips (0201's) through BGAs and SMT connector strips to large, plated through-hole components (up to 60 x 60 mm). The integrated digital soldering station comes standard with the ERSA Tech Tool soldering iron and can also be used to operate one of the five connectable soldering or desoldering tools.

A great increase in process control can be achieved by combining the IR 500 A with an ERSA process camera for process viewing (RPC 500 A or PL 550 A.)

- Upper and lower IR emitters with 200 W and 400 W
- Automatic desoldering via integrated pump
- Patented aperture system; no nozzles required
- Temperature recording at the component via thermocouple
- Integrated soldering station with Tech tool



Five high-powered, temperature controlled soldering and desoldering tools can be attached to the IR 500 A and IR 550 A systems

Ordering information

0IR500AS	Rework System including digital soldering station
0IR5500-01	X-Y PCB Table (recommended option)
0IR5500-13	Cooling Fan for PCBs (recommended option)
0PH100	PCB Holder for mobile phones in combination with the X-Y PCB table (optional)