Ersa Hybrid Rework System HR 200

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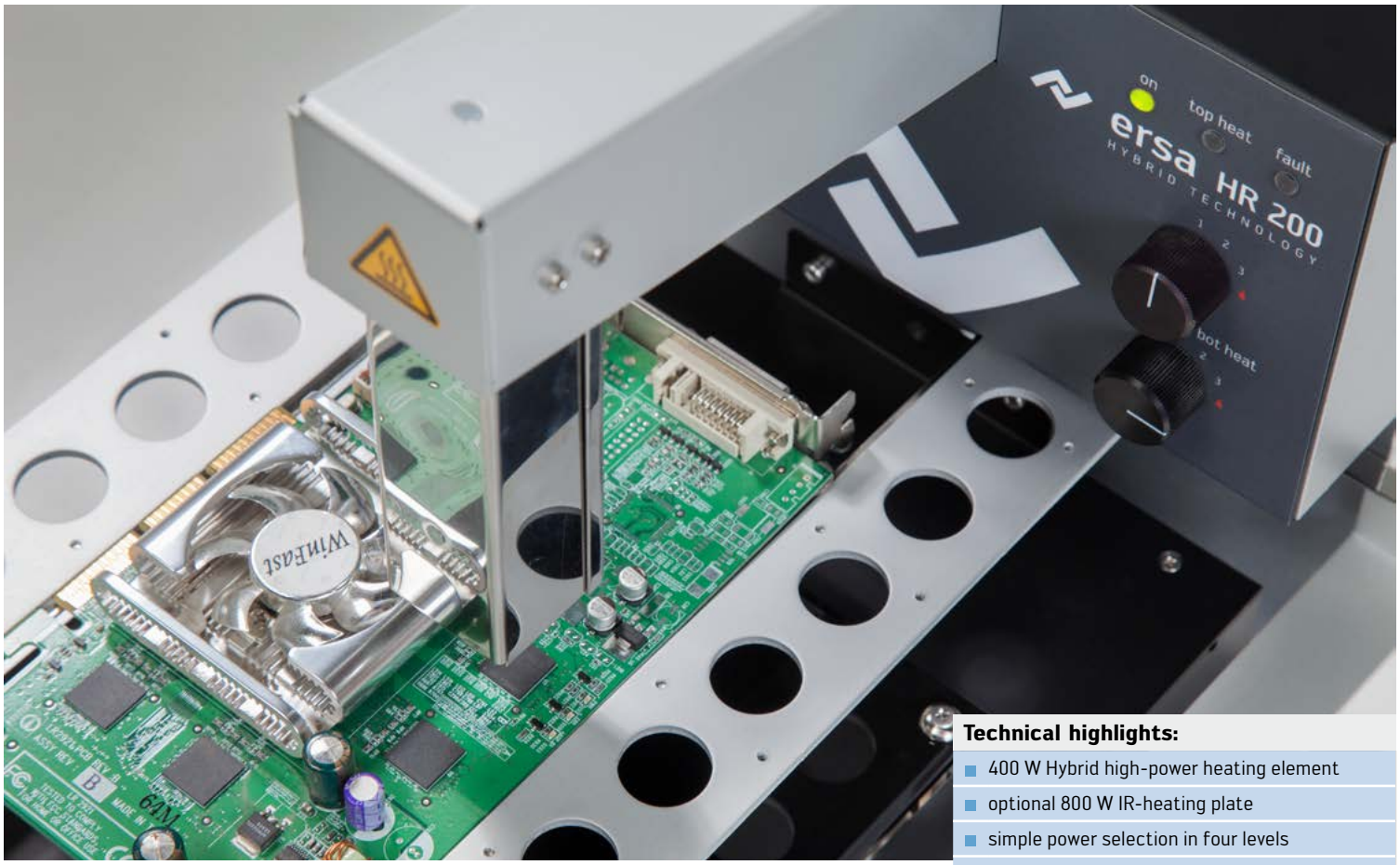
Rework out of the Box! – As easy as one, two, three.



Ersa Hybrid Rework System HR 200

Technical highlights:

- 400 W Hybrid high-power heating element
- optional 800 W IR-heating plate
- simple power selection in four levels
- foot switch the activate the heating process
- very compact and handy system (footprint 300 x 300 mm)

Ersa hybrid rework system HR 200 - Rework out of the Box!

Unpack, setup, solder! It´s simple as that to rework a PCB nowadays. The Ersa hybrid rework system HR 200 contains a 400 W hybrid high-power heating element to desolder and solder SMT components up to 30 x 30 mm. In addition, the system can operate a powerful 800 W infrared heating plate. This bottom heater guarantees ideal preheating of the assembly to rework.
The operator selects the required power for top and bottom heating with a control knob, each with four levels. A foot switch activates the heating process. The operator's hands are free to remove the desoldered component with appropriate tools.
Depending on the assembly and the preselected power a typical soldering time for components can range from 60 to 180 s (1 -3 min). During working breaks, the bottom heater switches back to standby level. The integrated PCB holder locates the assembly in optimum working distance to top and bottom heater.
Ersa recommends an optional cooling fan, a thermocouple and a temperature-measuring instrument to complete the workplace. Additional accessories including a Reflow Process Camera to observe the soldering processes rounds off the equipment.

Hybrid Rework System HR 200 without heating plate

Hybrid Rework System HR 200 with heating plate

HR 200 with heating plate and reflow process camera

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Technical data:	
Dimensions (W x D x H)	300 x 300 x 280 mm
Weight	3.7 kg basic system / 1.6 kg heating plate
Supply voltage	230 V AC, 50–60 Hz, 4 A
Top heater data	30 x 30 mm, 400 W
Heating levels 1–4	30, 50, 70, 90 %
Top heater technology	hybrid heater with medium wave infrared radiator and convection
Bottom heater data	150 x 150 mm, 800 W
Heating levels 1 - 4	40, 60, 80, 100 %, standby 30 %
Bottom heater technology	medium wave infrared radiator with glass cover
PCB dimension (L x W)	215 x 300 (+x) mm
Working depth	170 mm
Working distance (typ.)	30 mm (to top and bottom heater)
Component dimensions	1 x 1 to 30 x 30 mm

Order information:

Order No.	Description
0HR200	**Ersa HR 200** Hybrid Rework System
0HR200-HP	**Ersa HR 200** Hybrid Rework System with heating plate

Accessories

Order No.	Description
0IR5500-13	cooling fan
0DTM103	temperature measuring device
0IR6500-01	AccuTC thermocouple
0IR5500-35	TC-holder Flexpoint
0PH100	PCB holder
0VSRPC500A-LE	Reflow-Prozess Camera, complete
0IC1200A	electronically controlled soldering station, antistatic

Easy parameter setup

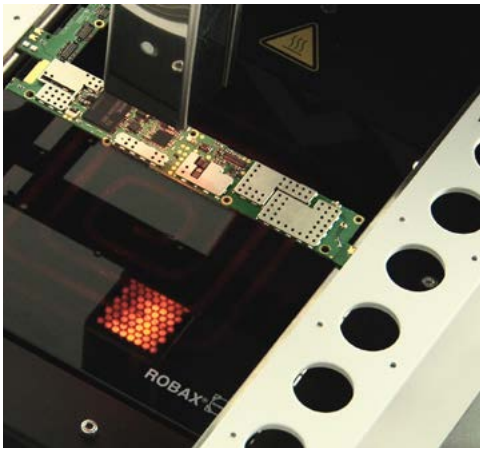
		Top Heat smooth			intensive	
	time*	180 s	180-120 s	120-90 s	90-60 s	Parameters
	power level	1	2	3	4	
Bottom Heat smooth	1	ultra light weight	sensitive bottom side		intensive top	
	2	sensitive top side	typical SMT application			
intensive	3					
	4	intensive bottom			heavy duty caution	

* Expectable soldering time, depending on application an preheating with bottom heater.

Due to individual settings the HR 200 Hybrid Rework System can handle every job

further information on our website

HR 200 with cooling fan and temperature measurement – the right power level for every application



HR 200 hybrid-radiator and IR-heating plate

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