

# REWORK

## REWORK MADE EASY. IN ALL DIMENSIONS.

For more than a decade now, over 5,000 users worldwide are drawing benefits from using the patented IR rework technology. Aside from its very attractive price-performance ratio, the units have gained their strong market position because they deliver excellent results even with the most complex rework tasks.

Ersa has a model diversity that extends to automated hybrid stations with extensive accessories.

The hybrid rework system HR 600/2, sets standards in the automated rework of PCBs.

In addition, Ersa offers the HR 550 – a further high-performance model for safe and easy manual rework with guided processes. The latest Ersa system, the HR 600 XL, has been developed for large PCB formats of up to 625 x 625 mm and handles component sizes of 60 x 60 mm without any problems. Thanks to the innovative IR Matrix Heater™ and 16 kW power, the HR 600 XL ensures the safe processing of large, high-mass assemblies.



The compact system HR 200 for rework applications “out of the box” convinces professionals and beginners not only with its easy setup, but also with its intuitive operation.



HR 600 XL: For the largest Ersa Rework system, an XL heating head is also available as an option. 120 x 120 mm edge length can be processed.



HR 600/2



HR 550



HR 200



HR 100



HR 500



HR 550 XL



HR 600/3P



Highest precision and reliability for every conceivable component size (from 01005) is guaranteed with Ersa Rework systems.



Guided processes in HRSoft 2.0 and with a 5-MPx camera ensure perfect and reproducible rework results. Screenshot shows the screenshot of a 01005 component placement.

### News from the Rework family.

At productonica 2019, Ersa will present three brand new systems for assembly repair, expanding the successful rework product line.

The youngest members of the family inspire with their interesting technological features in the field of heating and placement technology and expand the variety of options for users.

With the HR 550 XL, Ersa provides a semi-automatic system for large assemblies up to approx. 530 x 610 mm. A real performance package with eight bottom radiator heating zones and motorized X-/Y-fine adjustment and component rotation. The system is suitable for industrial and power electronics as well

as large-format printed circuit boards and is particularly attractive for service providers.

If you are looking for a system with the highest precision requirements, the HR 600/3P will automatically repair fine pitch components such as  $\mu$ BGA and the smallest chip components (01005). The high-precision axis system and 5-MPx cameras offer the most precise desoldering and placement technology in rework available today.

Finally, the new HR 500 presents the full Ersa Hybrid Rework technology for budget oriented users. The HR 550's little brother allows flexible repair of standard assemblies up to 380 x 300 mm and 50 x 50 mm component sizes.

ERSA HYBRID REWORK			
Stations	Systems (with component placement)		
S	M	L	XL
HR 100	HR 500 <b>NEW</b>	HR 550	HR 550 XL <b>NEW</b>
HR 200		HR 600/2	HR 600 XL
IR 550 (infrared radiation only)		HR 600/3P <b>NEW</b>	

PROCESSES ERSa HYBRID REWORK SYSTEMS	
semi-automatic	automatic
HR 500 <b>NEW</b>	HR 600/2
HR 550	HR 600/3P <b>NEW</b>
HR 550 XL <b>NEW</b>	HR 600 XL