

## Ersa universal soldering irons



Ersa **15+** and **25+** universal soldering irons are the perfect tools for cost-conscious soldering. Internally heated tips provide a high level of efficiency. The varied range of thin soldering tips of 832 and 842 series can be used. The safe performance of fine soldering applications is supported by the ergonomic design of the handle.

Ersa **35+** universal soldering iron is most suitable for applications with high heat requirements. Internally heated tips of series 852 guarantee the best heating transfer with high level of efficiency. The ergonomic designed handle provides secure guiding for all soldering applications.



### ERSA 15+

Soldering tip series 832 and 842, see page 42



### ERSA 25+

Soldering tip series 832 and 842, see page 42



### ERSA 35+

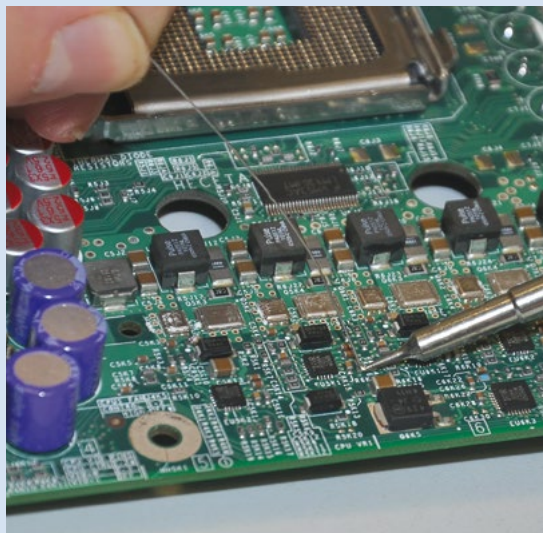
Soldering tip series 852

Order no.	Description	With soldering tip	Rating/voltage	Heating time	Max. tip temperature	Weight (w/o cable)
0E015CD <b>1E015CDA068</b>	ERSA 15+ soldering iron	0832CD, ERSADUR	15 W/230 V <b>15 W/115 V</b>	approx. 3 min	approx. 400 °C	50 g
0E025CD <b>1E025CDA068</b>	ERSA 25+ soldering iron	0832CD, ERSADUR	25 W/230 V <b>25 W/115 V</b>	approx 3 min	approx. 450 °C	50 g
0E035CD <b>1E035CDA068</b>	ERSA 35+ soldering iron	0852CD, ERSADUR	35 W/230 V <b>35 W/115 V</b>	approx. 3 min	approx. 450 °C	50 g

## Internally heated soldering tips for best energy efficiency



**Up to 20% higher level of efficiency due to internally heated soldering tips.**



The soldering tip is the "heart" of the soldering iron and responsible for the heat transfer from the heating element via solder to the solder joint.

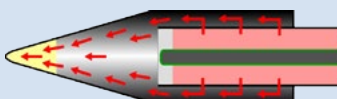
Depending on the soldering iron and application, different types of tips are available. Prerequisites for good solder joints are the correct soldering iron tip shape, perfect heat transfer, a good condition of the tip and reliable stability.

In order to shape an optimal heat transfer from the heating element to the soldering tip, internally heated soldering tips are definitely superior to

externally heated soldering tips. This difference in technology raises the level of efficiency of the whole soldering iron up to 20 %.

This is why a higher level of performance can be reached with the same input of energy. This advantage is implemented consequently at all new universal soldering irons Ersa 15+, Ersa 25+ as well as Ersa 35+.

Good success for your soldering job!



*The internal heating element ensures most efficient heating transfer and therefore high efficiency on the top of the tip.*