

Solder baths

Ersa does not only provide a wide range of standard soldering irons, it is also the first choice when it comes to static solder baths and fitting temperature regulator.

Apart from a wide range of static solder baths with different solder capacities Ersa also provides a large selection of dynamic solder baths namely wave and selective soldering systems. The photo shows a solder bath with multiwave module of a VERSAFLOW selective soldering system.



Ersa solder baths

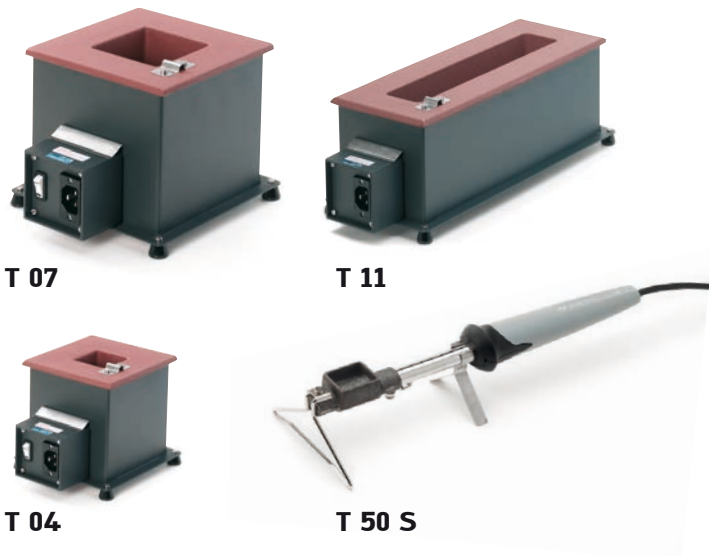


Ersa solder baths are electrically heated melting pots for solders. The high-capacity ceramic heating elements are exchangeable and mounted on the pot. They are thermally insulated from the external sheet metal housing.

The **T 02, T 03, T 04, T 05, T 06** and **T 07** solder baths can be switched to half-power operation. Thanks to the high temperature of approximately 600 °C the T 02 and T 07 baths are especially suitable for tin plating enameled copper wires.

All solder baths are supplied with a 1.5 m connecting cable. To enhance solder quality as well as to reduce oxide formation, and for energy-saving reasons, we recommend the RA 4500 D temperature regulator together with one of the temperature sensors mentioned below.

The **T 50 S / T 10 S** mini solder baths are primarily used for tin-plating stranded wire braids, connecting leads and cable lugs. The heat-resistant special color (order no. 4HMFARBE1) can be applied to the crucible as a protection against corrosion and wetting.



Order no.	Description	Rating/ Voltage	Temperature	Dimensions in mm (L x W x D)	Capacity	Weight	Heating elements
0T55 1T5500A068	Solder bath T 50 S	65 W / 230 V 65 W / 115 V	300 °C	28 x 20 x 13	approx. 40 g	370 g	1 pc. 0051T001
0T56 1T5600A068	Solder bath T 10 S	130 W / 230 V 130 W / 115 V	340 °C	60 x 30 x 25	approx. 185 g	615 g	1 pc. 0151B0
0T02	Solder bath T 02	240 W / 230 V	600 °C	25 Ø; 47 D	approx. 125 g	1,200 g	1 pc. 0241T0
0T03	Solder bath T 03 ²	360 W / 230 V	430 °C	100 x 30/15 ¹ x 55	approx. 1,000 g	2,300 g	2 pcs. 05X100
0T04	Solder bath T 04	400 W / 230 V	410 °C	52 x 52 x 84	approx. 1,900 g	3,900 g	4 pcs. 05X100A1
0T05	Solder bath T 05	500 W / 230 V	440 °C	86 x 68/20 ¹ x 90	approx. 2,850 g	3,400 g	2 pcs. 08X800
0T06	Solder bath T 06	1,000 W / 230 V	560 °C	120 x 80 x 60	approx. 4,800 g	5,200 g	6 pcs. 05X100P2
0T07	Solder bath T 07	1,200 W / 230 V	600 °C	90 x 90 x 100	approx. 6,400 g	5,500 g	4 pcs. 08X800A5
0T11	Solder bath T 11	1,600 W / 230 V	450 °C	300 x 60 x 50	approx. 7,500 g	8,000 g	8 pcs. 05X100A3

1 tapered solder pot;
2 VDE tested, all other solder baths are produced according to VDE standards

Ersa temperature regulator RA 4500 D

The **RA 4500 D** temperature regulator can be operated with various solder baths. The solder baths can be connected to the regulator through simple plug connectors. With its five operating programs, the RA 4500 D's easy program selection allows the user to change quickly between different solder baths.

The station can also be used for simple temperature measurements (Pr5) by means of the temperature sensor (option). Its wide variety of features and great control precision (especially with Ersa solder baths) makes the RA 4500 D especially suitable for production processes with high quality requirements.



RA 4500 D

A microprocessor sets new standards with regard to the temperature regulator's functions and provides comfortable operation of the RA 4500 D. Fig.: RA 4500 D with optionally available temperature sensor 0F008

Order no.	Description	Connected load / voltage	Tolerance	Temperature range	Switch
0RA4500D 1RA4500D00A67	Temperature regulator	3,000 W/230 V, 50 – 60 Hz 3,000 W/115 V, 50 – 60 Hz	max. ±2 %	50 °C – 600 °C	2-position with P-characteristics
0F007	Temperature sensor, 8 mm Ø				
0F008	Long-life temperature sensor, 3 mm Ø				