

ERSA Solder Baths

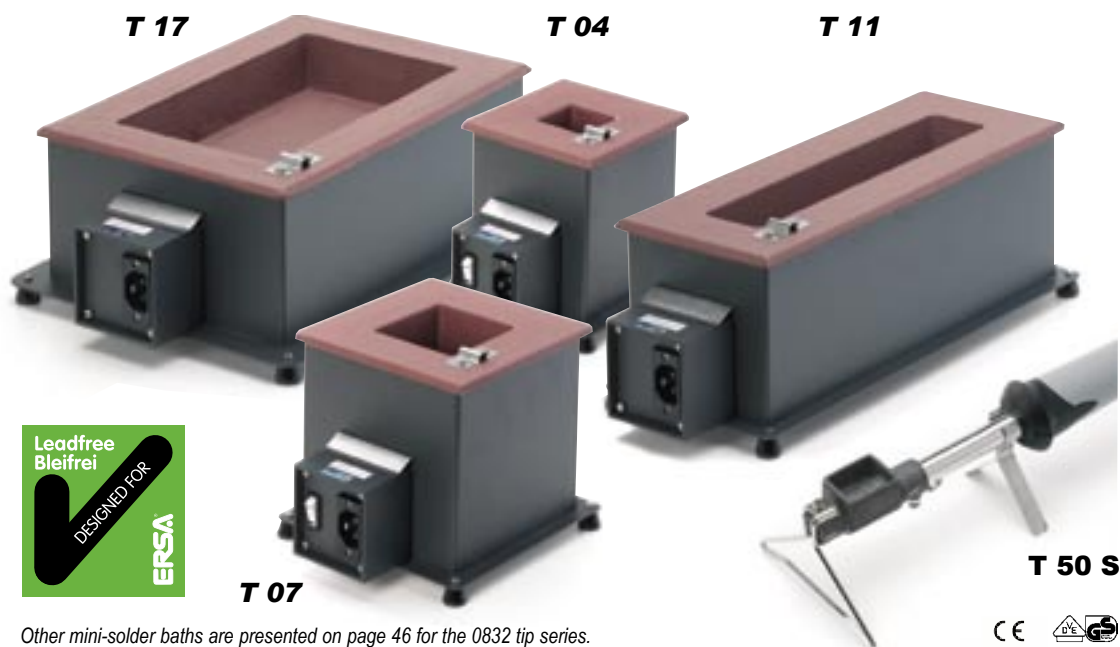
ERSA solder baths are electrically heated melting pots for tin-lead and similar alloy solders. The high-capacity ceramic heating elements are exchangeable and mounted on the pot. They are thermally insulated from the external sheet metal housing.

The **T 02**, **T 03**, **T 04**, **T 05**, **T 06**, **T 07** and **T 25** 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 and to reduce oxide formation, and for energy-saving reasons, we recommend our RA 4500 D temperature regulator and temperature sensor.

The **T50 S / T10 S** small solder baths are primarily used for tin plating stranded wire braids, connecting leads and cable lugs.

The heat resistant special color (order no. 4HMFARBE) can be applied to the crucible as a protection against corrosion and wetting.



Other mini-solder baths are presented on page 46 for the 0832 tip series.

Order no.	Description	Rating / Voltage	Temperature	Dimensions in mm (L x B x T)	Capacity	Weight	Heating elements
OT 55	solder bath T 50 S	65 W / 230 V	300°C	28 x 20 x 13	approx. 40 g	370 g	1 pc. 00 51 T001
OT 56	solder bath T 10 S	130 W / 230 V	340°C	60 x 30 x 25	approx. 185 g	615 g	1 pc. 0151 B0
OT 02	solder bath T 02	240 W / 230 V	600°C	25 Ø; 47 T	approx. 125 g	1200 g	1 pc. 0241 T0
OT 03	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
OT 04	solder bath T 04	400 W / 230 V	410°C	52 x 52 x 84	approx. 1,900 g	3,900 g	4 pcs. 05X100 A 1
OT 05	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
OT 06	solder bath T 06	1000 W / 230 V	560°C	120 x 80 x 60	approx. 4,800 g	5,200 g	6 pcs. 05X100 P2
OT 07	solder bath T 07	1200 W / 230 V	600°C	90 x 90 x 100	approx. 6,400 g	5,500 g	4 pcs. 08X800 A5
OT 11	solder bath T 11	1600 W / 230 V	450°C	300 x 60 x 50	approx. 7,500 g	8,000 g	8 pcs. 05X100 A3
OT 17	solder bath T 17	2200 W / 230 V	450°C	250 x 150 x 50	approx. 15,700 g	11,800 g	8 pcs. 05X100 A6
OT 25	solder bath T 25	260 W / 230 V	420°C	71 x 55 ¹ x 22	approx. 750 g	2,100 g	2 pcs. 0151 B0

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

ERSA RA 4500 D Temperature Regulator

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.



Fig.: RA 4500 D with optionally available temperature sensor

RA 4500 D

Amicroprocessor sets new standards with regard to the temperature regulator's functions and provides comfortable operation of the RA 4500 D.

Order no.	Description	Connected load / voltage	Tolerance	Temperature range	Switch
ORA 4500 D	Temperature regulator	3,000 W / 230 V, 50 - 60 Hz	max. ±2 %	50°C - 600°C	2-position with P-characteristics
OF 007	Temperature sensor, 8 mm Ø				
OF 008	Longlife temperature sensor, 3 mm Ø				