

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**, 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 enam-elled 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** small 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.



1) = Xi Irritating

T 07



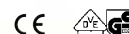
T 11



T 04



T 50 S



Order no.	Description	Rating / Voltage	Temperature	Dimensions in mm (L x W x D)	Capacity	Weight	Heating elements
0T55	solder bath T 50 S	65 W / 230 V	300 °C	28 x 20 x 13	approx. 40 g	370 g	1 pc. 0051T001
0T56	solder bath T 10 S	130 W / 230 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 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.

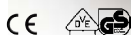


Fig.: RA 4500 D with **optionally available** temperature sensor

RA 4500 D

Microprocessor 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
0RA4500D	Temperature regulator	3,000 W / 230 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				