

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.



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 |
| 1T5600A068 | | 130 W / 115 V | | | | | |
| 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 |

¹Tapered solder pot.

²VDE 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 | Temperature regulator | 3,000 W/230 V, 50 – 60 Hz | max. ±2 % | 50 – 600 °C | 2-position with P-characteristics |
| 0F007 | Temperature sensor, 8 mm Ø | | | | |
| 0F008 | Longlife temperature sensor, 3 mm Ø | | | | |