

Operating Instructions for Polishing Unit Type: EG1 and EG2

1. Technical Data:

	EG1	EG2
Voltage / V	230	230
Power / VA	125	600
+ Heater / W	200	200
max. direct current / A	7,5	25
Main fuse	0.8 A	2.5 A
	delay action	delay action

2. Setup and Connection

The polishing unit is composed of a rectifier, a 2.5 l (EG1)-5 l (EG2) recipient, a tray, a heater and a temperature regulator.

Insert the tray in the two strips on the front part of the rectifier. Place the recipient on the tray so that the follower pin of the motor extends into the slot of the anode rod. The wires must be connected as follows:

- Anode-wire (mobile rod) to the red plug = +
- Cathode-wire (connection from right and left) to the black plug = -
- Hang the heater and the temperature regulator in the recipient and connect them with the rectifier.

Attention! Do not switch on the unit unless the polishing bath is in the recipient. Otherwise risk of burning.

3. Operation

Push the main switch. The heater is switched on and heats the bath to 56°C. Rectifier and motor are turned on when switching the 15-minute-timer. The required current intensity is set by turning the knob of the transformator. It can be read on the amperemeter.

The EG1 unit can be set to a maximum of 7,5 A, the EG2 unit to a maximum of 25 A. The pieces to be treated (EG1 1-2 pieces, EG2 4-6 pieces) are polished during a period of two times five minutes at 4-6 A per piece and at 50°C to 60° C. It is recommended to change the position of the suspended pieces during this period to avoid the formation of stripes. When the preset time is over, the timer will interrupt the current automatically.

4. Notes

Heater and temperature regulator are adopted to match for our polishing bath. The regulator must be exchanged when using a different bath. It is recommended to stir the bath while heating up to avoid overheating. Before polishing the bath must be stirred once after it has reached the temperature.

5. Maintenance and Care

The unit should be cleaned with a dry and dust-free cloth. Additionally, it does not need any special maintenance.

A defective fuse should be replaced by the same type: *0,8 Ampere delay action (EG1), and 2,5 Ampere delay action (EG2), respectively.*

6. Accessories

Support for prosthesis

Item no. 83002 Support for prosthesis for polishing unit EG1/EG2 (5 pieces)

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