



Fig. 8

A recommendable accessory is a pressure pot for polymerization of repairs or similar. The pot is filled with warm water, the model with object is placed in it and is polymerized beneath the blow-head under pressure.

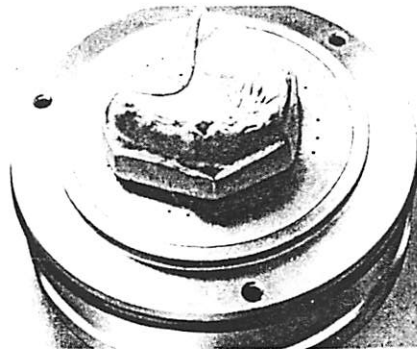


Fig. 9

**Possible causes of defects**

The air blows from flask. No forming or the disc is torn.

- a) The plastic is heated too much.
- b) Pressed with low adaptor ring and spaces between model and flask not filled in.
- c) Too low pressure. In this case check the mains pressure and raise it.
- d) Bubbles on some discs means too much heat. On some discs it could be because of damp storage. In such cases use the accessory for drying the discs, ref.: 175.001 (Fig. 12).

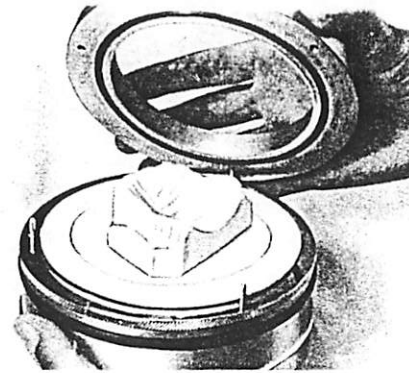


Fig. 10

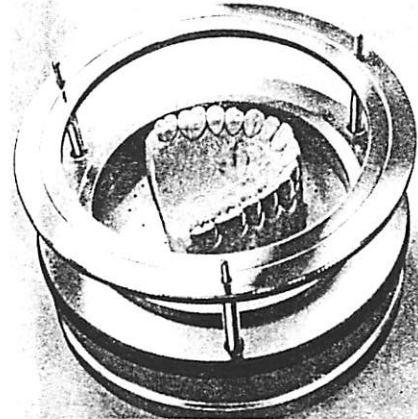


Fig. 11

**Maintenance**

No maintenance is necessary on the ERKOPRESS machine. However it is advisable to check from time to time the water extractor on the back wall of the machine. Should there be some water in it, then wind up the lower screw and empty it.

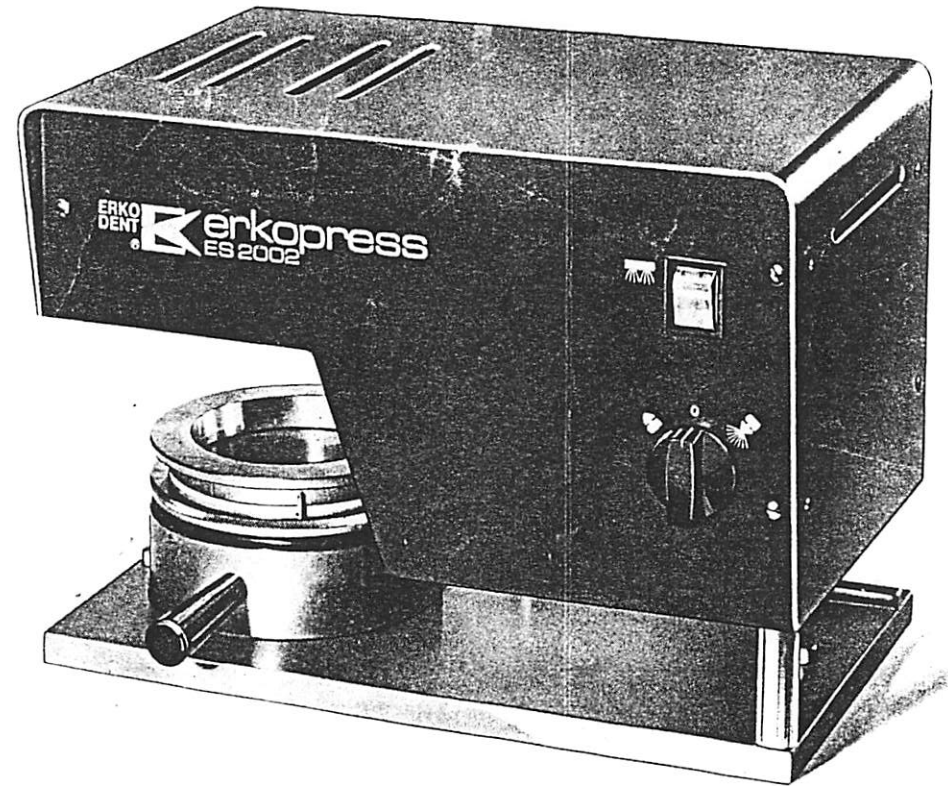


Fig. 12

# erkopress

## ES 2002

### operating instructions



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### Working instructions

Connect ERKOPRESS to a 220 V (110 V) AC outlet and to a compressor air line with a high pressure flexible hose. Press orange button to switch on infra-red heater (Fig. 1a).

### Operating Pressure

The valve which regulates and lowers the pressure has already been fixed to 4 bar. DO NOT CHANGE THIS ADJUSTMENT! The pressure gauge shows the actual operating pressure (Fig. 2).

### The Flask

The flask consists of base of flask with a handle, gasket, holding ring with 3 pins and cover ring for 120 mm diameter discs; 1 holding ring and 1 cover ring for 70 mm diameter discs; moreover 1 high, 1 low and 1 beige coloured adaptor ring; 1 model disc as well as discs for 1, 3 and 7 dies and 1 oblique model disc. For all further accessories see prospectus of ERKOPRESS (Fig. 3).

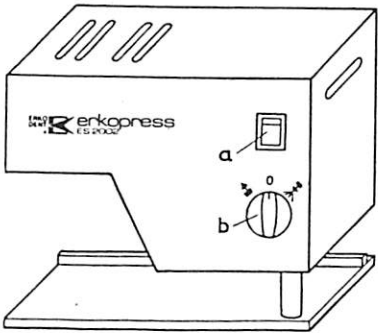


Fig. 1

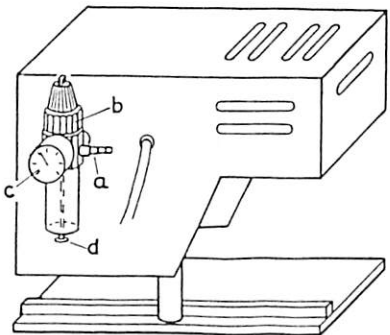


Fig. 2

### Example: How to make a coping with one die

To form 1-3 copings it is sufficient to use 70 mm diameter discs. Place high adaptor ring into flask, place disc with screw for one die on top of this, cover with green foam rubber disc and then push your die into the screw, which is filled with ERKOGUM (Fig. 4).

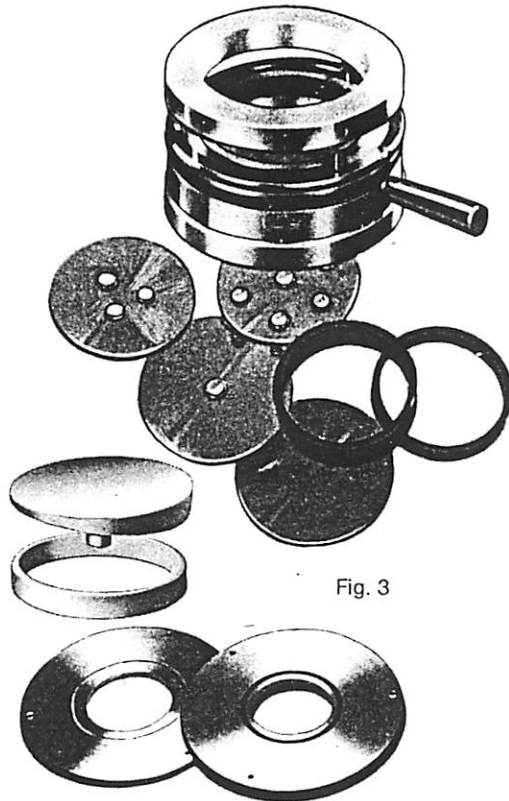


Fig. 3

There should be a distance of 5 mm between the cervical edge and die model metal disc. This can be regulated by turning the screw up or down. Place the holding ring with the 3 pins loosely into the base of the flask till it touches the "0" ring, which is around the flask. On top of the holding ring place the holding ring for 70 mm diameter onto the short pins, so that the recessed circle faces upwards. Place the disc onto this, with possibly the UZF spacer underneath the disc, and then put the cover ring on top with the small "0" ring facing towards the disc (Fig. 5, 6 + 7).

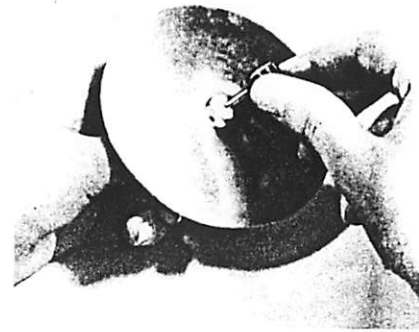


Fig. 4

The whole flask is then placed under the heating element. The pin on the left side and the rearward ledge on the bottom plate hold the flask in the right position. As soon as the right plastification of the disc has been reached (see instructions in the sample folder), move the flask to the right till it touches the pin on the right side of the machine and then turn the black switch to the right. By this means the heated plastic is pressed onto the model. After approx. 10 seconds turn the black switch to the left through means of which the blow-head returns to its former position (Fig. 1b). Then turn the black switch to position "0" and the machine is without pressure. Now the flask can be removed.

Should you want to press seven dies, you will have to place the disc for 7 dies, the plastic of 120 mm diameter is to be placed directly into the holding ring and will be covered by the cover ring of 120 mm diameter (Fig. 8).

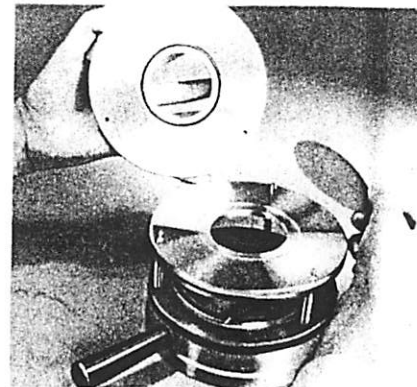


Fig. 5

### Example: How to make an individual impression tray

To make an individual impression tray use the high adaptor ring in bottom of flask on a place model disc on top. Place model onto the model disc, then place holding ring with the ERKOPLAST disc and cover with cover ring 120 mm diameter (Fig. 9 + 10).

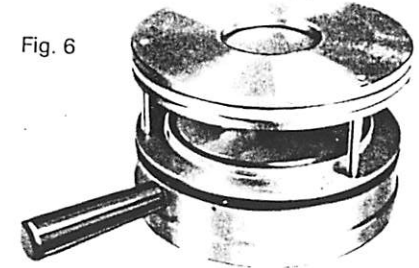


Fig. 6

If the model is too high use the low adaptor ring. The model can now be placed into the flask. The space between model and edge of flask has, however, to be filled with lead granulate or asbestos fibres.

If there is a lower jaw model with high condyle use the oblique model disc. It is placed onto the beige coloured adaptor ring with the pin downwards and the rough surface upwards. The free space is filled as described above.



Fig. 7

The different uses of the machine can be read in the ERKOPRESS brochure.