

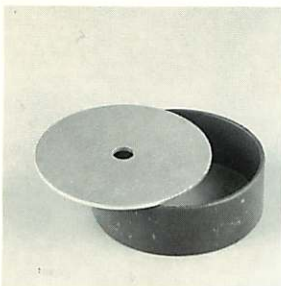
Description of the machine:

- a Switch for heating element
- b Power supply switch
- c Air exhaust
- d Rotating/holding frame
- e Foil cover ring ø 120
- f Model disc
- g Securing clips
- h Housing for heating element
- i Heating element (under fence)



Insert for filling granulate
Order no.: **182 001**

Filling granulate
Order no.: **110 851**



Model disc
Order no.: **182 026**

Insert ring
Order no.: **175 030**

Replacement seals



Cover ring for filling granulate
Order no.: **182 016**



Sealing ring for form pot
Order no.: **182 017**



Sealing ring for clamping frame
Order no.: **182 018**

Supply:

182 000 ERKOFORM-D2
with disc sample package, model disc, insert ring, filling granulate and insert for filling granulate

Specifications:

Height	140 mm
Width	200 mm
Depth	430 mm
Weight approx.	6 kg
Max. operating pressure	7 bar
Min. system pressure	4 bar
Interior diameter of the hose	6 mm
Power 220V/50Hz,	280 Watt
110 V/50 - 60 Hz,	280 Watt

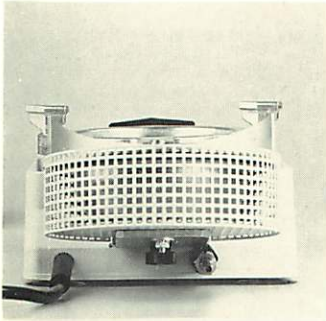
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erkoform-d 2

OPERATING INSTRUCTIONS



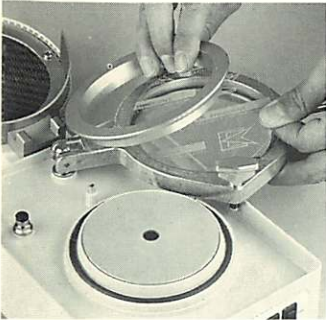
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1

INSTALLATION INSTRUCTIONS:

ERKOFORM-D2 can be connected to any compressed air system in the laboratory or dental office. ERKOFORM-D2 should be set up in a dry place to ensure no water damage. When using the ERKOFORM-D2 the safety regulations have always to be considered.



2

OPERATING:

The compressed air supply is connected to the inlet at the left hand side of the rear of the machine (fig. 1). **operational pressure of 4 bar and no more than a maximum of 7 bar.**

The tubing connecting it with compressor should be no less than 6 mm in diameter, in case of weak compressors 10 - 12 mm. If the system produces more pressure or if there is humidity in the lead, a pressure reducer and a water separator have to be installed.

Maintenance unit, ref.: **178 001**

Connect the machine.

The disc or plate is placed into position in the disc holding frame (fig. 2), secure into place using the foil cover ring which in turn is secured by the securing clips into position (fig. 3).

Place the swivelling frame to the back, over the heating element (fig. 4). It is possible to heat both sides of the disc by simply turning the disc holding frame. Thicker plates should always be heated on both sides. Thin discs only require heating on one side.

Switch on the power supply switch (b).



3



4

ATTENTION:

Do not touch the heating element - hot surface!

ATTENTION:

Heat the foil only under control. If the heating time is too long, the foil can melt.

Switch on the heating element at the front of the machine (a).

Either place the model on the model disc (fig. 5) (= disc with holes in it which fits into the recess of the insert ring), or - if the insert cradle is used - put the model into the filling granulate so that only the area is exposed which shall be thermoformed. The rubber cover ring for filling granulate should be placed around the sealing joint (fig. 6).

Once the disc has been plastified to the required consistency - which may be checked by using an instrument (check with a sample folder the consistency required for a given type of disc material), the swivelling frame is placed over the model and pressed down (fig. 6 + 7). The heater will automatically be switched off, the disc will be observed to adapt rapidly to the model; air will come out of the air exhaust; the clamping frame is sucked by the air pressure and cannot be opened any more (fig. 7).

After 30 - 40 sec. - according to the foil thickness - press the finger onto the air exhaust, the swivelling frame will loosen (fig. 8). Open the securing clips, take off the foil cover ring, remove the model from the foil.



5



6



7



8