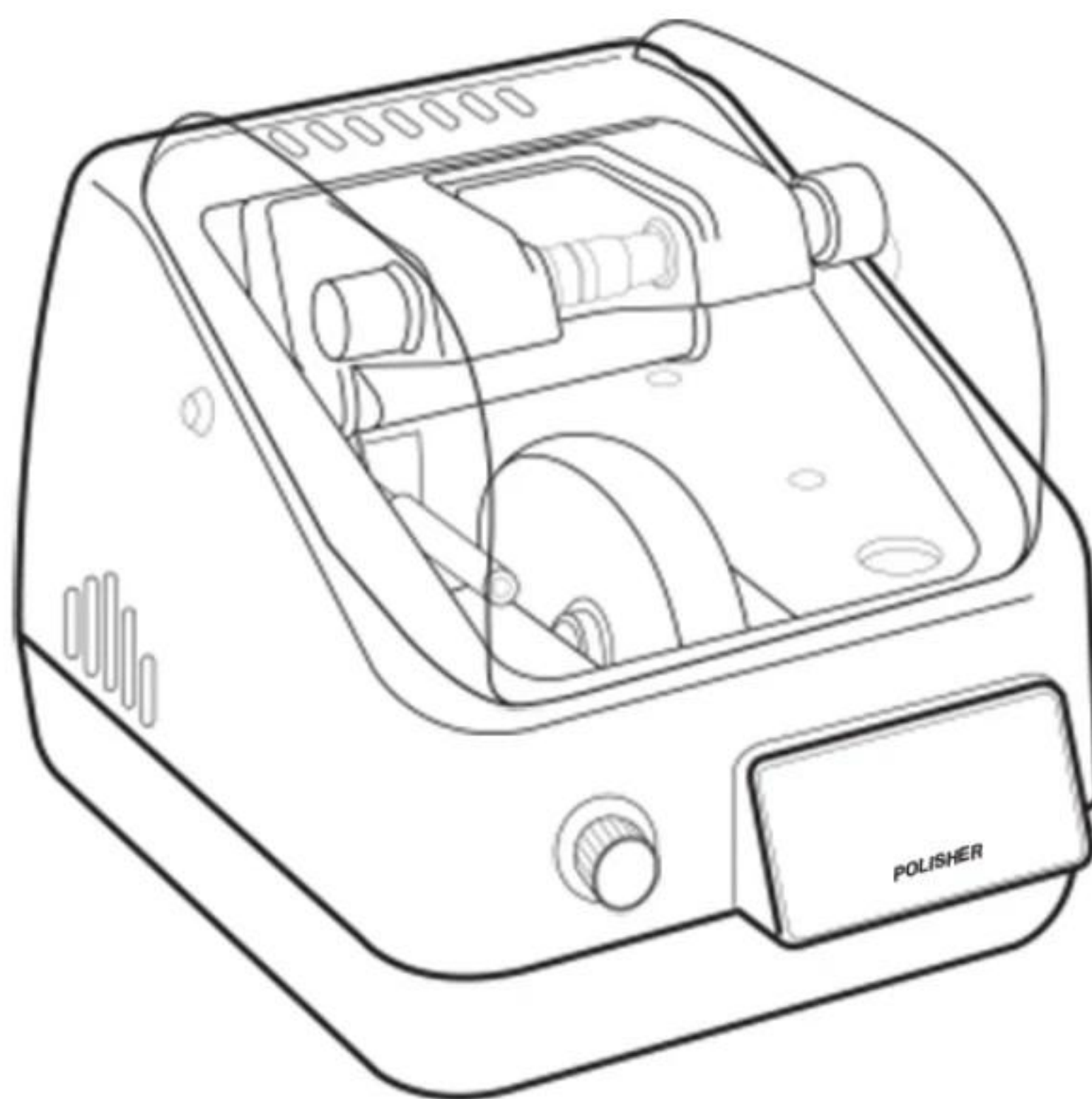

AP-800

Auto Polisher

User's Manual



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1) Notes on safety

 WARNING	Make sure to operate the unit for the normal purpose in a proper way, if not, this may lead to death or injury.
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Do not open the unit

- To avoid fire, electrical shock or injury, do not open the unit. Refer servicing to qualified personnel or your dealer only.



Keep from water

- To prevent shock hazard or trouble, do not expose the unit to rain or moisture.



Unplug

- On removing, replacing the buffing wheel, checking or when the unit will not be used for a long time, make sure to pull out by the plug.

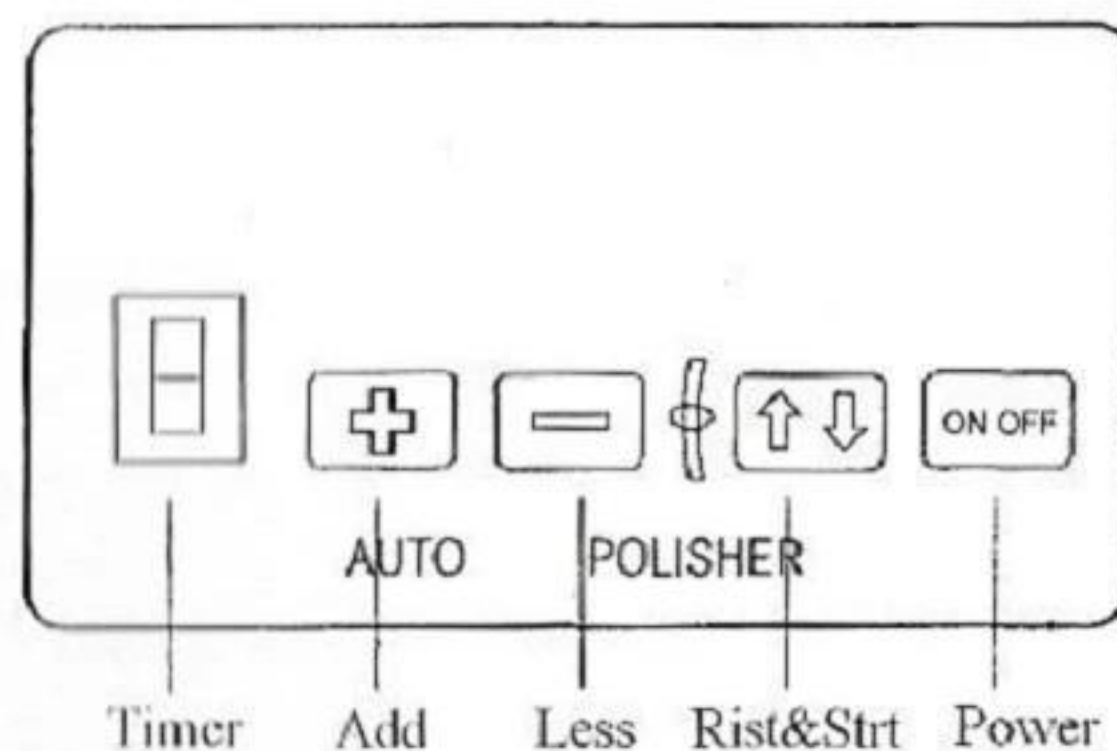
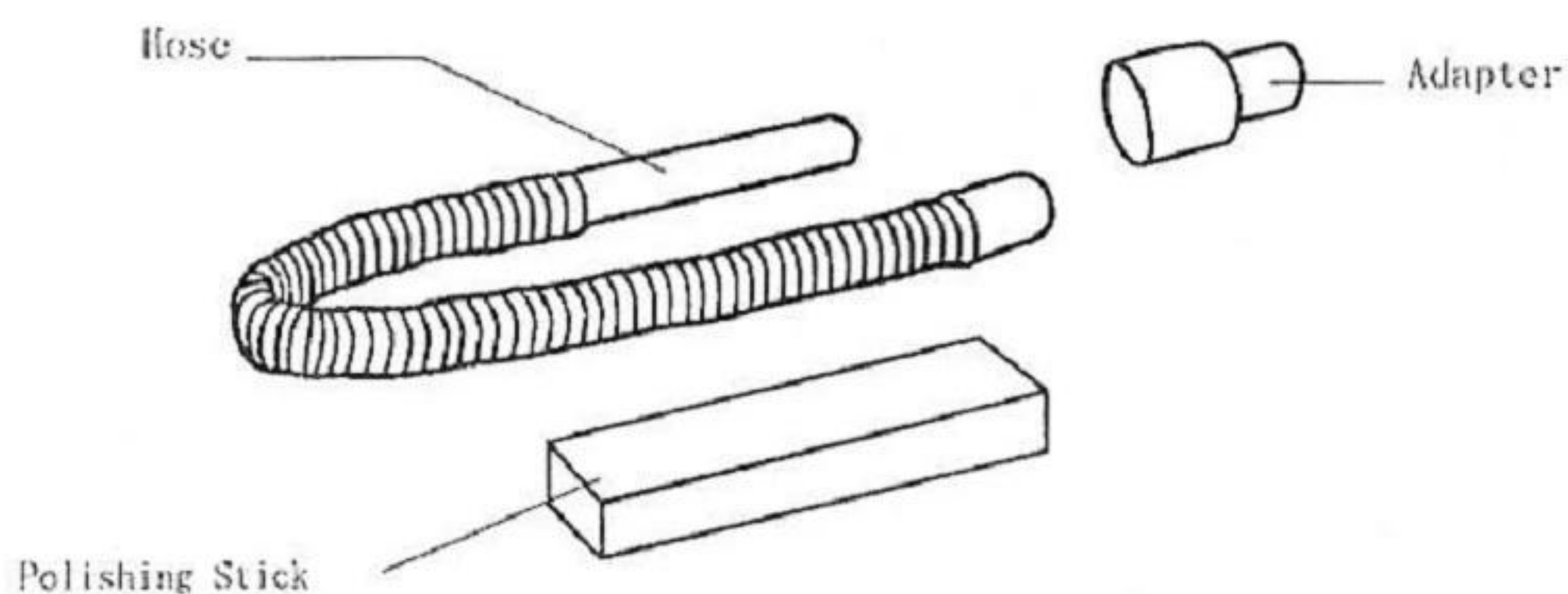
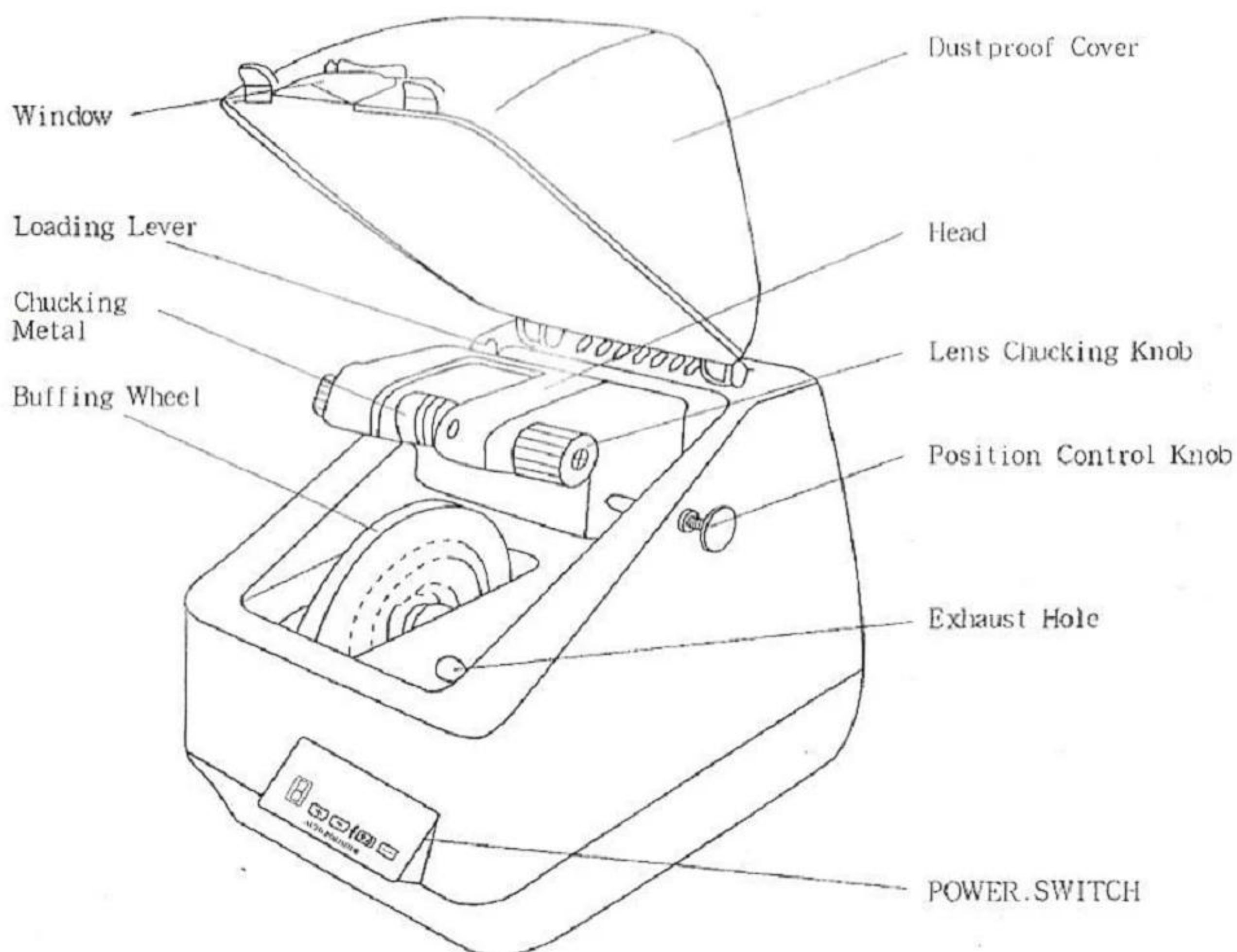


Prohibit

- Do not leave the unit in a location near heat sources or inflammable such as gasoline, thinner or benzine.
- Do not touch the rotating buffing wheel first-hand.
- On operating the unit, close the dustproof cover and use the vacuum cleaner.
- Make sure to ground the unit.

We reserve the rights to change the outlook and packing of our products.

2) Location of controls and supplied accessories



3) Setting up a vacuum cleaner

Use your own vacuum cleaner and make it work whenever the lens is polished, so that any dust of polish may not remain in the machine.

Exchange the power plug of your vacuum cleaner with the accessory 3-pin plug so that it may be connected to the "AC in 220V jack" located on the back of the machine and the vacuum cleaner may be tuned on and off automatically with the polisher's power switch.

To connect the vacuum cleaner to the Polisher, follow the procedures below:

Connect the cleaner's plug to AC in 220V jack of the unit, and change over the AUTO/MANUAL SWITCH to AUTO.

⚠ CAUTION Prepare a vacuum cleaner whose power consumption is less than 600W.

Attach the adapter to the hose of the vacuum cleaner and insert it in an opening in the back of the unit.

Use the vacuum cleaner at the weak power mode.

The exhaust hole doesn't draw well when the cleaner is full with dust. Replace with a new dust bag.

4) Operations

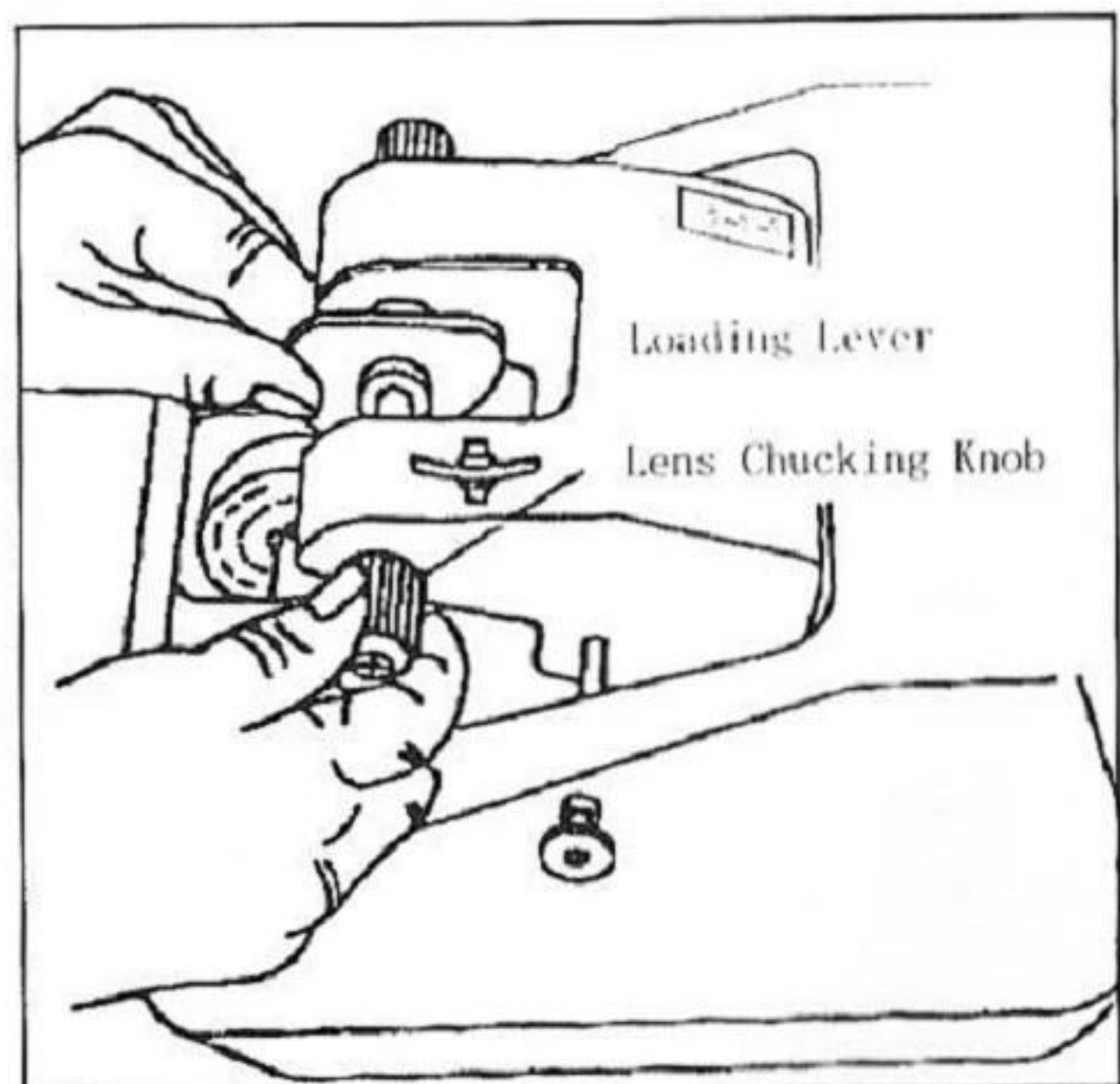
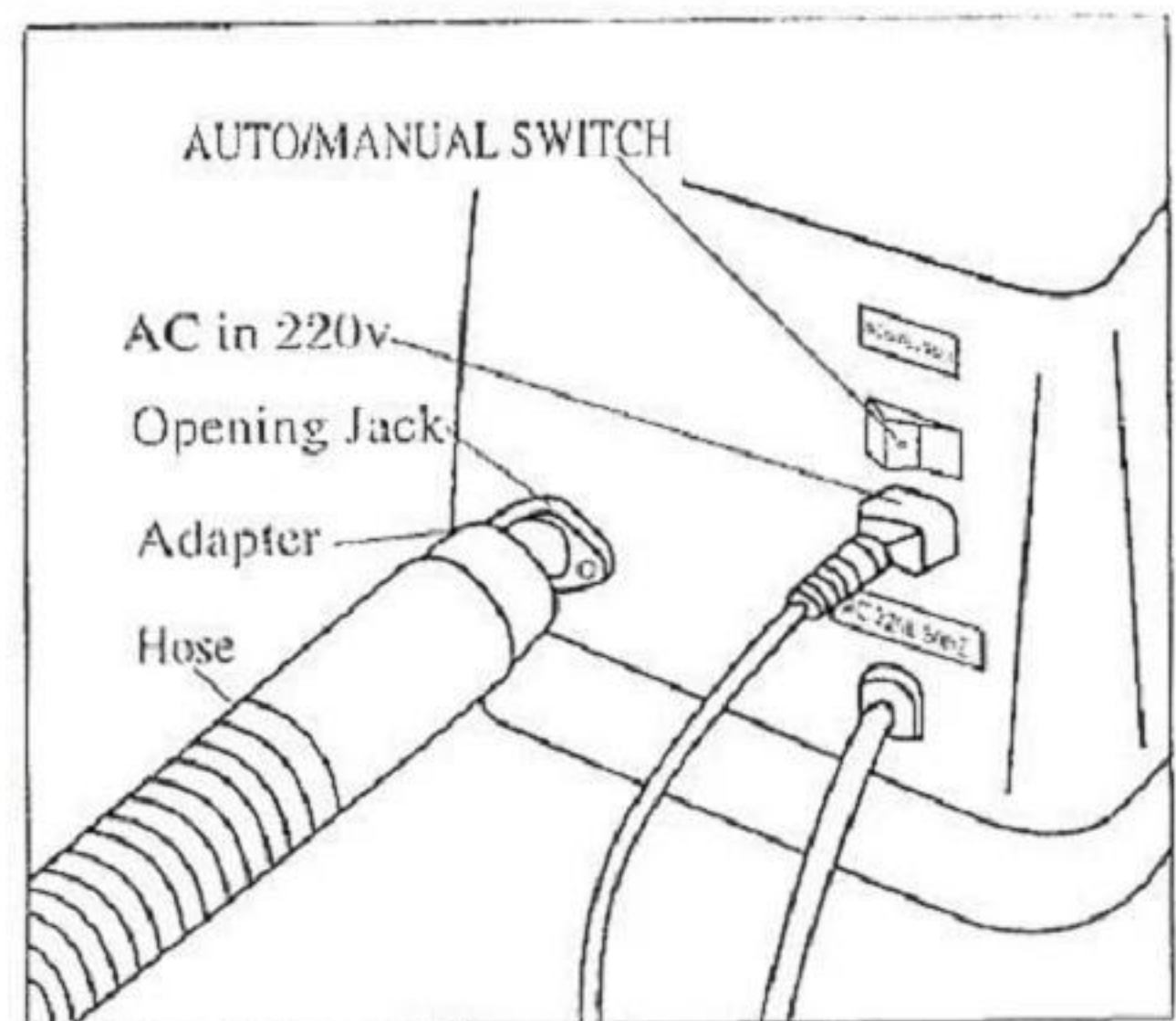
A) Setting a lens

Chuck center of a lens with the convex side facing the right.

To prevent breakage of the lens, do not tighten lens chucking knob too much.

B) Setting the loading lever

Low: Select Low mode normally for all the CR-39 lenses



High: Select High mode for the plastic Hi-index, mineral glass or thick CR-39 lens.

Extra Light: Select Extra Light for all the polycarbonate or extremely thin CR-39 lens.

C) Putting polish

Close the dustproof cover, press the power switch button to turn the machine on. Then press the polish'g stick through the window against the rotating buffing wheel to put polish on it enough.

Note: If the polish is insufficient, the working time will be longer.

D) Setting the timer

Set the timer for working time according to the following standard;

CR-39 lens: graduations 2-3

Plastic Hi-index: 3-5

Polycarbonate: 1-2

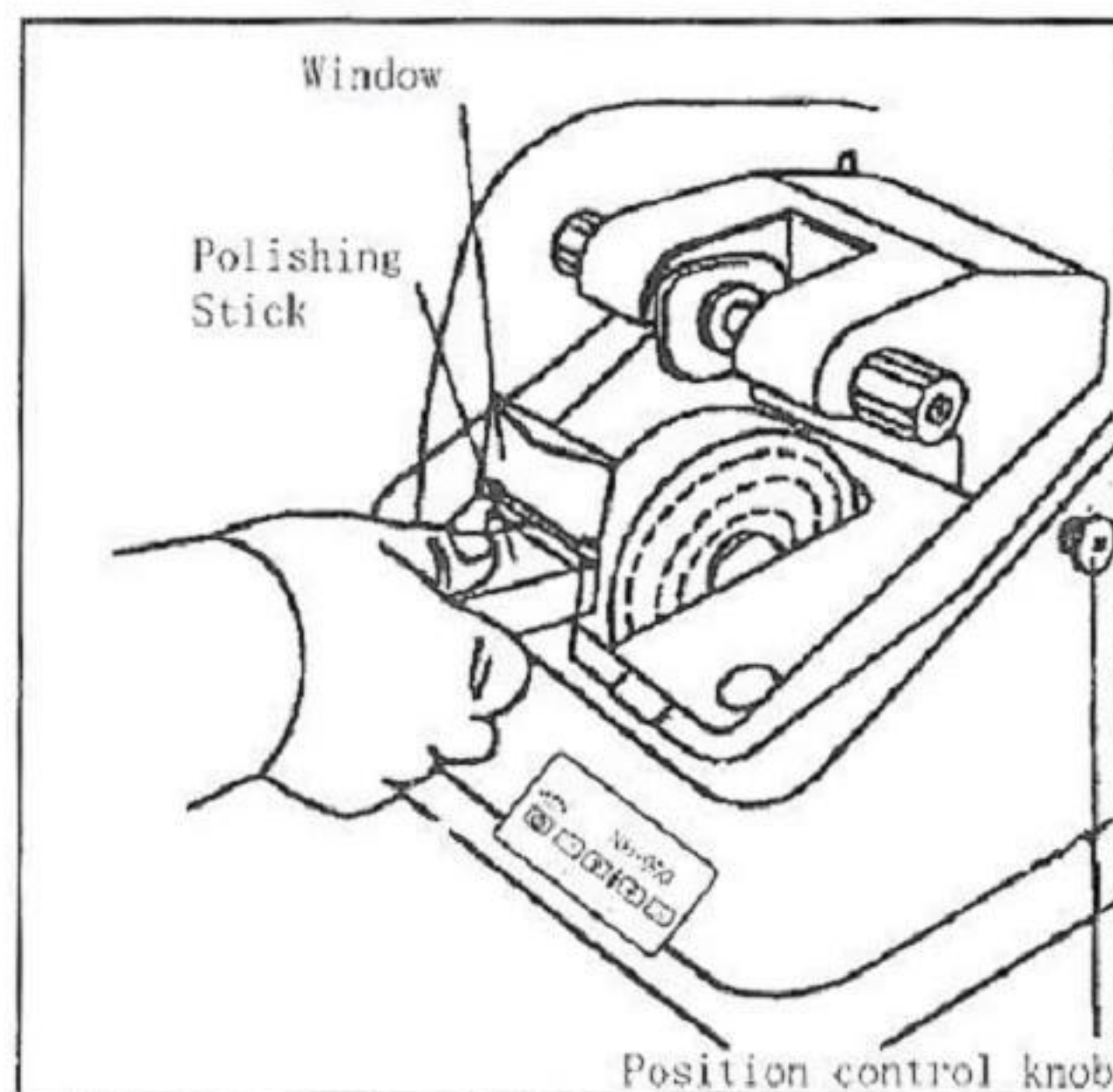
(1 graduation is approx. 50 sec.)

E) Polishing

Press the STARD/STOP SWITCH down to start the polishing proceeding. The machine head comes down with the lens rotating on.

Using the position control knob, you can slide the lens to an appropriate place against the buffing wheel at any time.

Machine head is automatically resumed and stopped after finishing the polishing process.

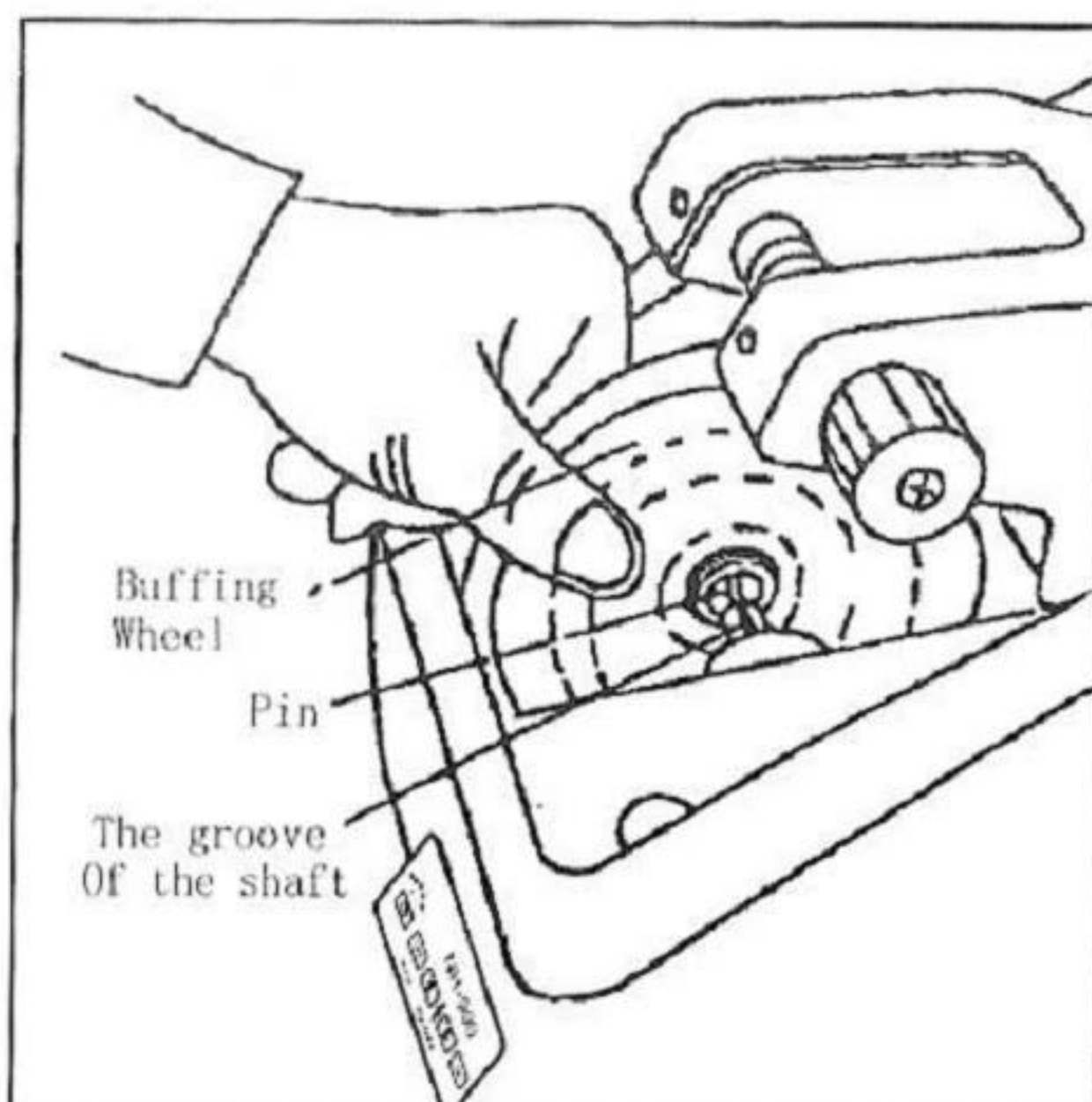


5) Maintenance & Precautions

Replacing the buffing wheel

⚠ CAUTION Before you replace the buffing wheel, make sure to disconnect the machine plug from the wall outlet.

To remove the buffing wheel, pull it toward the left.



To attach the buffing wheel, insert it into the shaft properly with the pin of the wheel to be fitted into the groove of the shaft.

Repairing the buffing wheel

Cut off the hanging thread with scissors

Cleaning

When the inside of the unit becomes dusty, clean it with the hose inserting into the exhaust hole and changing the AUTO/MANUAL SWITCH on the backside to MANUAL.

Washing the chuck rubber

To avoid scratching the coating of the lens, wash the chucking rubber sometimes and keep it clean.

Oiling

When the right chucking metal doesn't rotate easily, it needs oiling. Pull it toward the left and lubricate it with oil or grease.

If the power plug is come off from the outlet while the work is still unfinished or machine head stopped owing to the power failure, wait until power is connected, push the power switch on and press the START/STOP SWITCH down, after that press the START/STOP SWITCH up. Machine head will resume automatically.

On polishing the polycarbonated lenses

When polishing the polycarbonated lenses.

note that: a) Select the loading lever for Extra Light

b) Set the timer to 1 to 2

c) See the finished lens carefully, if it needs more polishing try it again.

6) Specifications

Power sources: ☐ 110V 60Hz, ☐ 220V 50Hz

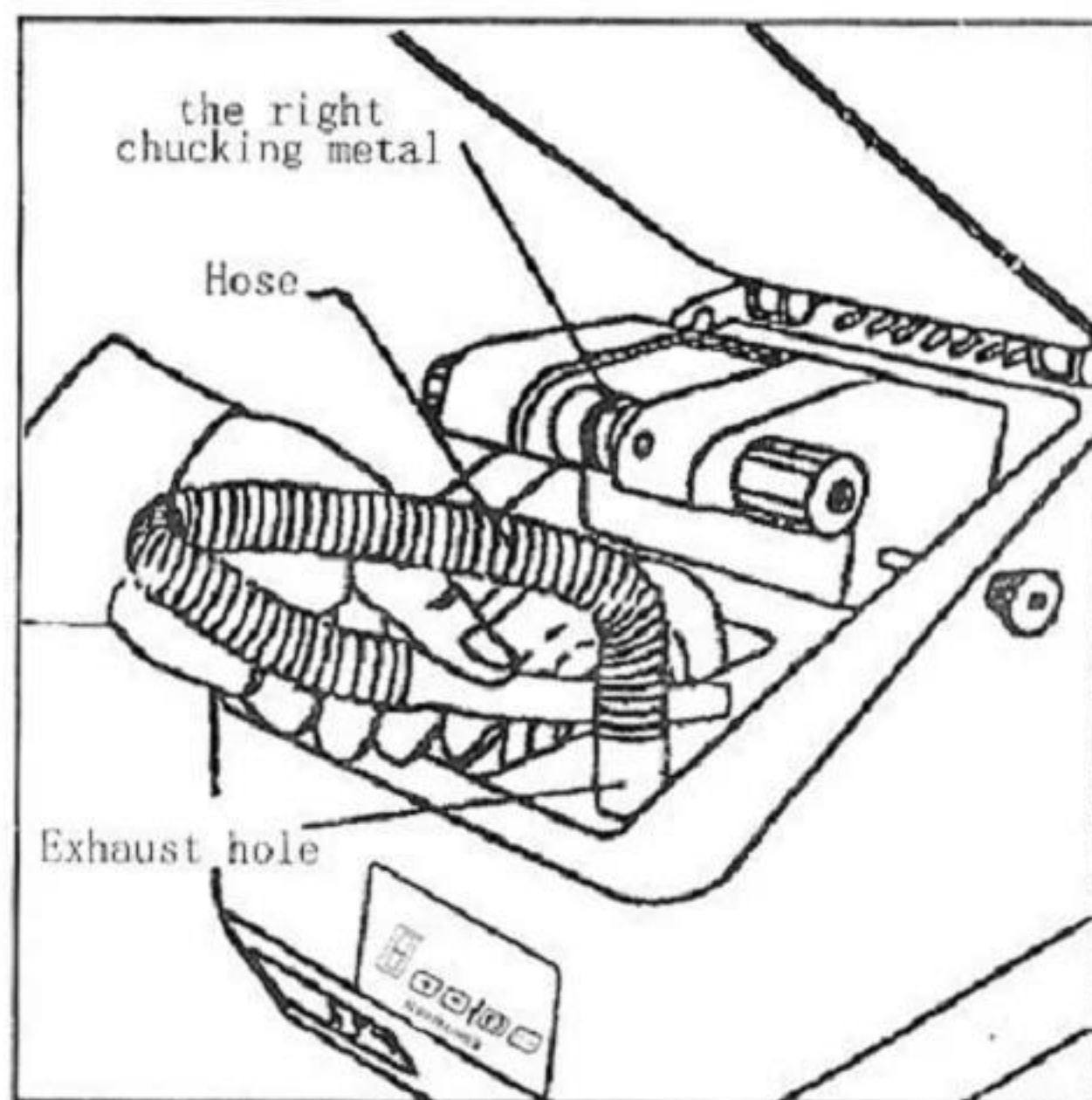
power consumption: 80 W the Unit dimension: 214 × 270 × 240mm

Net weight: 6.7 kgs Timer: 0 – 5 minutes

Size of buffing wheel: O.D. 115mm(max), Thickness 10mm

Supplied accessories

Polish 120 × 30 × 20 mm (with case) Hose Adapter





AP-800

Auto Polisher



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