

KT-100 Magnetic Polisher User Guide

IMPORTANT CAUTIONS:

- Always make sure that the unit is plugged into a properly grounded outlet.
- Persons with pacemakers should NOT use this machine as the magnets may interfere with the pacemaker.
- Always turn off the unit before removing the bowl from its base.
- Always make sure that the unit is turned off before placing your hands inside the working chamber.
- When the machine is not in use, remove the bowl from the machine base.
- Do NOT fill the bowl past the half full level.
- Do not place any items that are affected by magnetism such as computer disks/drives, credit cards, etc. on or near the Magnetic Polisher.
- Use only in a dry environment.
- Do not allow the base or housing of this unit to get wet as this may affect the motor and electrical components.
- On very soft, non-ferrous metals, user the slower speeds to reduce possibility of impingement on the parts.
- Do NOT run the unit for more than 30 minutes at a time – allow unit to cool.

Prior to first use, clean the magnetic pins thoroughly by running in clean water and burnishing liquid until solution is clear – this may take a few runs to remove any accumulated dust, oil, grime from manufacture. Replace used dirty solution with clean water and fresh compound when necessary.

Heavy duty magnets and magnetic stainless steel pins are used to create the wave effect in the bowl. This will raise the temperature of the bowl as well as contents (water, pins, and work pieces).

A 30 minute cycle should be sufficient for most jobs.

Running a cycle for the full 60 minute timer can cause the bowl to overheat.

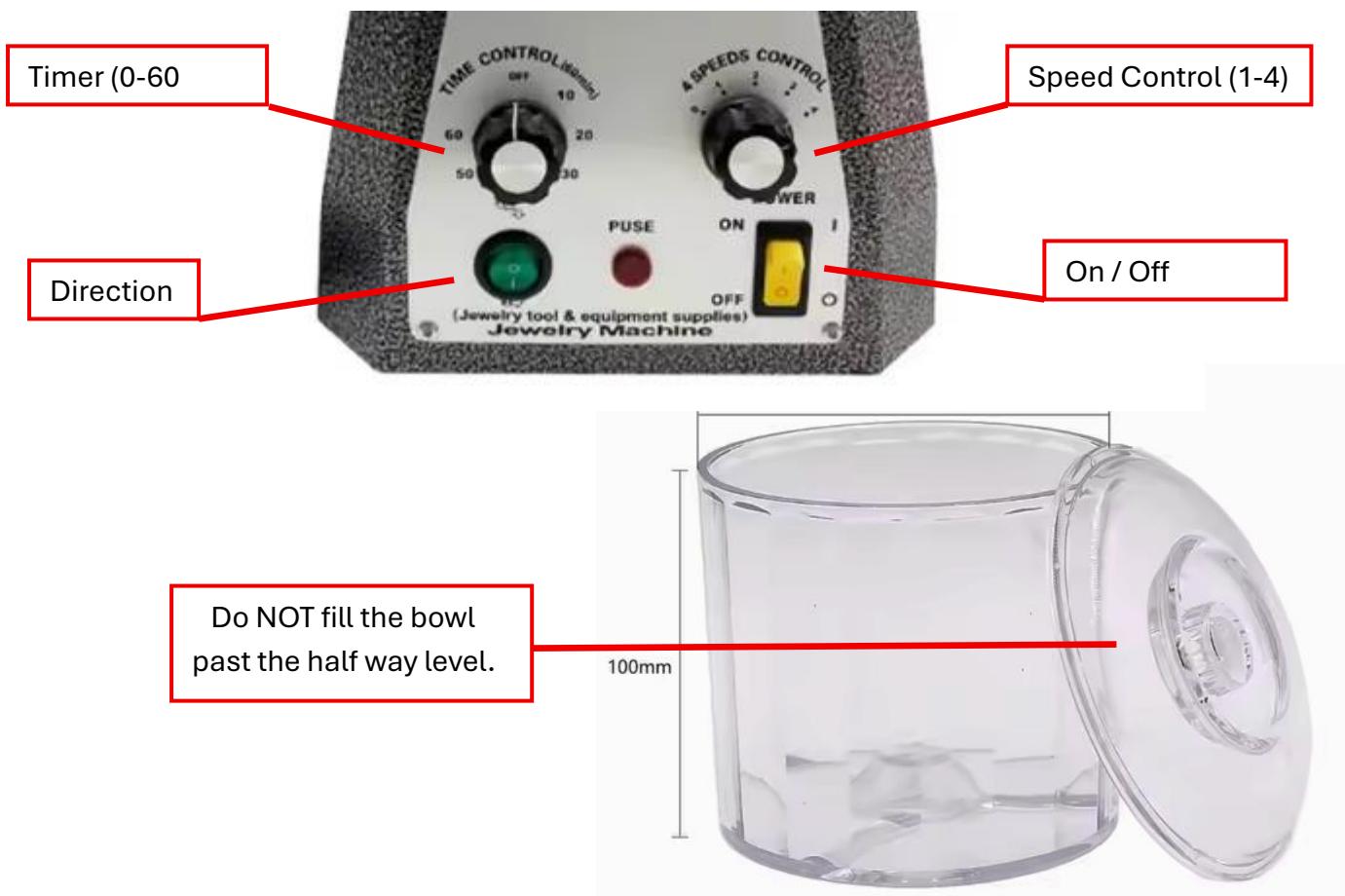
Overheating can cause damage to the bowl and shorten lifespan of the bowl.

After each cycle always use fresh water, rinsing the bowl and shot with cool water after each 30-35 minute cycle, to extend the life of the bowl.

Remove the bowl from machine when not in use to help prevent the pins from becoming magnetized.

OPERATING INSTRUCTIONS:

1. Fill the bowl with the correct amount of pins – 250 to 300 grams is recommended.
2. Fill the bowl with water so that the level is no more than half full
3. Add approximately 5 to 10 mL of suitable burnishing liquid (eg. ShineBright) to the water (1 to 2 teaspoons).
4. Place the bowl onto the platform on the base unit.
5. Set Timer and Speed options using the knobs (see diagram below).
6. Use the On/Off switch to start operating. The machine will stop when the timer runs out.



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