

Raytech Onyx Mag4 (Centrifugal Magnetic Finisher) Operating Instructions

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 recommended maximum fill line.
- Do not place any items that are affected by magnetism such as computer disks, credit cards, etc. on or near your magnetic finisher.
- 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, the speed control knob on the digital models should be set for a maximum of 1/2 to 3/4 rotations as high speed can cause impingement on the parts.

Specifications:

- Programmable, variable speeds, FWD/REV & timer and memory function
- 8-12 ring capacity or workpiece capacity up to 100 grams
- 4" bowl size, Steel pin capacity 50-100 grams or up to 3.5 ounces
- Use with Raytech Compound M Solution
- 1/32 HP motor in 115 V (0.6 amps) and 230V (0.3 amps)
- Includes 250 grams of .5mm steel pins

Operating Instructions:

1. Fill the bowl with the correct amount of pins.
2. Fill the bowl with water so that the level is between the minimum and maximum fill lines.
3. Add 2-3 drops of Raytech Compound M Solution.
4. Place the bowl onto the platform on the base unit.
5. Turn on the Power Switch.
6. Press the timer key and select the desired time.
7. Press the memory key to set your run time.
8. To set the reverse function press the direction key
9. Press and hold the timer key to set your reverse direction time, then press the memory key.
10. Press the start key to start the unit, at this time you can adjust the speed of the unit, using the speed keys on the control board.

Tip: If this is the first time running the unit with the desired parts you should pause the unit after 5-10 minutes and inspect your parts. You can make the necessary adjustments to the speed and direction of the unit at this time.

Maintenance:

Cleaning your finisher between cycles is recommended. The bowl should be removed and cleaned thoroughly. Note that the pins will stay at the bottom of the bowl when tipped gently. Do not tip too quickly as you may lose pins. We recommend the use of a Raytech Magnetic Separator for separating the parts from the pins. After you are finished using the machine, always remove the bowl from the base and store the bowl on a non-metallic surface such as a wooden workbench or table.



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