



Laboratory Equipment Manufacturer
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Operation Manual for **MOS-1818/2525** Magnetic Stirrer Heavy-Duty



PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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INSTRUCTIONS for use of MAGNETIC STIRRER

Model MOS-1818 230V/ 60Hz

Model MOS-2525 230V/ 60Hz

The Magnetic Stirrer is meant to stir liquids with or without heating.

Stirring mechanism :

1. Assure that the Magnetic Stirrer Speed Control is in OFF position.
2. Insert a magnetic stirring bar in center of container, containing the liquid to be stirred (the bar should preferably be with a pivot ring, to avoid friction).
3. Place vessel in center of plate.
The stirring speed should be raised gradually (by turning the speed control knob slowly).

► If the magnetic stirring bar is thrown to borders of container, this is mainly due to one of the following reasons :

- a. a too rapid rise in the Stirring Speed.
In this case, turn back to OFF and raise speed gradually.
- b. bottom of vessel is not straight, or liquid is very thick.

CLEANING :

- The plate can be kept clean by covering it with Aluminum Foils. If so, cover the plate only, and not the radiation shields underneath the plate.
- The plate, coated against corrosion, may be cleaned with Scotch-Brite.
Do not use detergent powder for washing machines containing Caustic Soda.

WARNING :

To avoid electrical shock :

- always use a properly grounded electrical outlet of correct Voltage and current handling capacity
- always be disconnected from the power supply prior to maintenance and servicing
- the plate may be hot to touch, even when the pilot lamp is off
- the instrument should not be used where danger of explosion exists