

Magnetic Heating Stirrer

Warranty

WPI (World Precision Instruments, Inc.) warrants to the original purchaser that this equipment, including its components and parts, shall be free from defects in material and workmanship for a period of one year* from the date of receipt. WPI's obligation under this warranty shall be limited to repair or replacement, at WPI's option, of the equipment or defective components or parts upon receipt thereof f.o.b. WPI, Sarasota, Florida U.S.A. Return of a repaired instrument shall be f.o.b. Sarasota.

The above warranty is contingent upon normal usage and does not cover products which have been modified without WPI's approval or which have been subjected to unusual physical or electrical stress or on which the original identification marks have been removed or altered. The above warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, misuse, failure of electric power, air conditioning, humidity control, or causes other than normal and ordinary usage.

To the extent that any of its equipment is furnished by a manufacturer other than WPI, the foregoing warranty shall be applicable only to the extent of the warranty furnished by such other manufacturer. This warranty will not apply to appearance terms, such as knobs, handles, dials or the like.

WPI makes no warranty of any kind, express or implied or statutory, including without limitation any warranties of merchantability and/or fitness for a particular purpose. WPI shall not be liable for any damages, whether direct, indirect, special or consequential arising from a failure of this product to operate in the manner desired by the user. WPI shall not be liable for any damage to data or property that may be caused directly or indirectly by use of this product.

Claims and Returns

• Inspect all shipments upon receipt. Missing cartons or obvious damage to cartons should be noted on the delivery receipt before signing. Concealed loss or damage should be reported at once to the carrier and an inspection requested. All claims for shortage or damage must be made within 10 days after receipt of shipment. Claims for lost shipments must be made within 30 days of invoice or other notification of shipment.

Please save damaged or pilfered cartons until claim settles. In some instances, photographic documentation may be required. Some items are time sensitive; WPI assumes no extended warranty or any liability for use beyond the date specified on the container.

• WPI cannot be held responsible for items damaged in shipment en route to us. Please enclose merchandise in its original shipping container to avoid damage from handling. We recommend that you insure merchandise when shipping. The customer is responsible for paying shipping expenses including adequate insurance on all items returned.

• Do not return any goods to WPI without obtaining prior approval and instructions (RMA#) from our returns department. Goods returned unauthorized or by collect freight may be refused. The RMA# must be clearly displayed on the outside of the box, or the package will not be accepted. Please contact the RMA department for a request form.

• Goods returned for repair must be reasonably clean and free of hazardous materials.

• A handling fee is charged for goods returned for exchange or credit. This fee may add up to 25% of the sale price depending on the condition of the item. Goods ordered in error are also subject to the handling fee.

• Equipment which was built as a special order cannot be returned.

• Always refer to the RMA# when contacting WPI to obtain a status of your returned item.

• For any other issues regarding a claim or return, please contact the RMA department

Warning: This equipment is not designed or intended for use on humans.

** Electrodes, batteries and other consumable parts are warranted for 30 days only from the date on which the customer receives these items.*



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www.wpiinc.com

INSTRUCTION MANUAL

Serial No. _____

092811



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World Precision Instruments



INTRODUCTION

The Magnetic Heating Stirrer enjoys the advantages of convenience, stable and steady operation and indefinite speed regulation. It can carry out stable and precise agitation of solutions in a relatively common temperature range. It is especially suitable for agitation of small volume samples.

SPECIFICATIONS

- Maximum Stirring Capacity..... 1L
- Speed Range..... 0–1400 rpm
- Tray Diameter 12cm
- Heating Power 100W
- Power Supply..... 110V AC/50Hz
- Dimensions 23 x 16 x 10cm
- Stirring Power..... 3–6W
- Temperature Range..... 20°C–250°C

CAUTIONS AND WARNINGS

- CAUTION:** Use only with a properly grounded power connection.
- CAUTION:** Do not touch the heating tray directly while it is operating at high temperature in order to avoid a burn.
- CAUTION:** Unplug the instrument before changing the fuse.
- CAUTION:** Do not operate the unit if plug or power cord are damaged.
- CAUTION:** Be careful if moving the instrument or the heated solution in order to avoid scalding. Beware, hot objects appear the same as cold.
- CAUTION:** Unplug after using. Cool before cleaning.
- CAUTION:** Do not clean the instrument with abrasive materials. Use a soft cloth and mild detergent, if necessary.

OPERATION

- Place the vessel containing solution and magnetic stir bar onto the heating tray.
- Turn on the power switch. The power indicator light remains illuminated.
- Adjust the speed knob to required speed.
- Turn on the heating switch, if needed.
- When stirring is complete, turn the speed knob to the minimum position and turn off the power switch.
- Wipe any spills off the heating tray and the top of the instrument.

TROUBLESHOOTING

Trouble	Solution
Power light not on	Check electrical connection Change the fuse, if necessary.
Not stirring smoothly	Adjust the speed slowly from low to high. Reposition container directly in the center of the stirring plate.

NOTE: If you have a problem/issue with that falls outside the definitions of this troubleshooting section, contact the WPI Technical Support team at 941.371.1003 or technicalsupport@wpiinc.com.