



Laboratory Equipment Manufacturer
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Operation Manual for MultiPosition HotPlates Stirrers **MUHP-4/6/2X2/3X2**



PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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INSTRUCTIONS for use of LABORATORY HOTPLATES

Model MUHP-6 or MUHP3X2 230V/ 50Hz, 500X6W

Model MUHP- 4 or MUHP-2X2, 230V/ 50Hz, 500X4W

IMPORTANT SAFETY INSTRUCTIONS

WARNING

- 1) Do not heat any substances above temperature which will cause hazards of explosion implosion or release of toxic or flammable gases arising from the materials being heated .
- 2) Do not use in the presence of flammable or combustible materials or explosive gases.
Do not use in the presence of pressurized or sealed containers.
Fire or explosion may result, causing severe injury or death.
- 3) To avoid electrical shock, always use a properly grounded electrical outlet of correct voltage and current handling capacity.
- 4) The user has the responsibility for carrying out appropriate decontamination, if hazardous material is split on or inside the equipment.
- 5) The user shall be aware that, if the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- 6) The instrument should be placed so, that handy operation of the ON-OFF Switch is possible.
- 7) Service only by a qualified service engineer.
- 8) Always disconnect from power supply prior to maintenance and servicing.
- 9) The instrument may be hot to touch, even when the pilot light is off .
- 10) Connect the instrument to a ground mains outlet, after ensuring that the Voltage is the same As given on the name plate. The Instrument must be connected to an earthen (grounded) supply.

Heating System:

1. The hotplate is actuated by the Temperature Control Knob on the front of the instrument, which regulates heat of top plate from ambient temperature up to 300⁰C. The pilot lamp indicates the thermostat's operation. The plate may be hot to touch, even when the pilot lamp is off.

Cleaning:

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