7. Green indication glows which shows that the heating has started. And the Red indication glows which shows that the stirring has started.
8. Put Teflon magnet bar inside the flask for stirring option.
9. When the heat & stir process is complete, switch the heat and stir speed by knobs to their off positions. Disconnect the mains electricity supply.
10. After use keep the unit in a safe place.

Features:-
1. ON/OFF knob for heat power control.
2. ON/OFF knob for stir speed control.
3. Mantle knitted with glass fiber yarn.
4. Provides uniform heating to flasks.
5. Heats up to 400˚C.
6. For round bottomed Flasks as per DIN-12347.
7. Inbuilt protection for liquid spill.
8. Easy maintenance.

Technical Specification:-

<table>
<thead>
<tr>
<th>Model No. (230V AC 50Hz)</th>
<th>Model No. (115 VAC/60Hz)</th>
<th>Mantle capacity (ml)</th>
<th>Wattage (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2500.EU.01</td>
<td>2500.US.01</td>
<td>100</td>
<td>510</td>
</tr>
<tr>
<td>2500.EU.02</td>
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<td>250</td>
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</tr>
<tr>
<td>2500.EU.03</td>
<td>2500.US.03</td>
<td>500</td>
<td>660</td>
</tr>
</tbody>
</table>

Ø Heating mantle material : Made of MS
Ø Mantle Capacity : To hold standard round bottom flasks up to 500ml (with stirring model only)
Ø Variable speed range : Approx. up to 750 RPM (with stirring model)
Ø Temperature range : Approx. 400˚C
Ø Heat & Stir control : Electronic power regulator
Ø Permissible ambient temperature : 5 to 40˚C
Ø Permissible relative moisture : 80%
Ø IP Class : 10

Maintenance & Repair:-
According the safety regulations the operator has to verify regularly the safety and functioning of the heating mantle (just as other electronic devices, repair must be done at the factory or by authorized companies.)

General Description:-
Multi Station Heating Mantle With Stirrer - The heater is made of fiber glass yarn with heating elements covered in fiber Glass sleeve, to provide uniform heating of Borosilicate flask up to 400˚C. The mantle sizes are as per round bottom DIN 12347 Standard.
The stirrer is a motor driven magnet which revolves directly under the center of the mantle. It is common practice, when heating solutions, to spin “stir bar” (Teflon coated bar magnet) which is placed in the solution. The stirrer speed is set from the front panel. The rpm should be started from a lower value and left to operate at the point of chosen value.
Please unpack the equipments carefully and check for any damages. It is important that any damages which may have arisen during transport are ascertained when unpacking. If applicable a fact report must be sent immediately.

Item No. | Description | Qty
---|---|---
1. | Multi Station Heating mantle with stirrer | 1
2. | User manual | 1
3. | Stir bar | 3
4. | Boss Head | 5
5. | S. S. Rod | 3
6. | Rod Clamp (Rod Holder) | 2

Installation:-

Electrical Safety And Installation

This equipment is designed to be used safely under the following conditions:-

- Check the voltage on the product data label on this product unit and those of any accompanying electrical accessory. Ensure the rating conforms to your local supply.
- Ensure only the correct rated mains input fuses are fitted. (Where applicable ensure the correct Mains cord and moulded IEC plug and lead set fuse if fitted).
- Check the voltage on the product data label on this product unit and those of any accompanying electrical accessory. Ensure the rating conforms to your local supply.
- Do not install this product or accessories on a surface which may become flooded.

Operating Instructions :-

1. Place the unit on the level table or bench near to the mains supply and water supply.
2. Put the flask with liquid inside the heating mantle. Make sure that the flask makes good contact with the yarn.
3. Connect the instrument to a ground mains outlet, after ensuring that the Voltage is the same as given on sticker. The unit must be connected to a single face A.C power supply with protective earth.
4. Ensure that the heat knob is at OFF position.
5. Connect the Multi Station heating mantle with stir to power source.
6. Set the required temperature and the stir speed with the heat and stir knob by rotating.