



# Step Up™ Slide Warmer

## Model No. XH-2003



## User's Manual

**This instruction manual is for the Model XH-2003 Step Up™ Slide Warmer. To ensure safety and obtain optimum performance and to familiarize yourself fully with use of this Slide Warmer, we recommend that you review this manual thoroughly before operating the Slide Warmer. Retain this instruction manual in an easily accessible place near the work desk for future reference.**

**WARNING:** To prevent fire or shock hazard, do not expose electrical unit to rain or moisture.

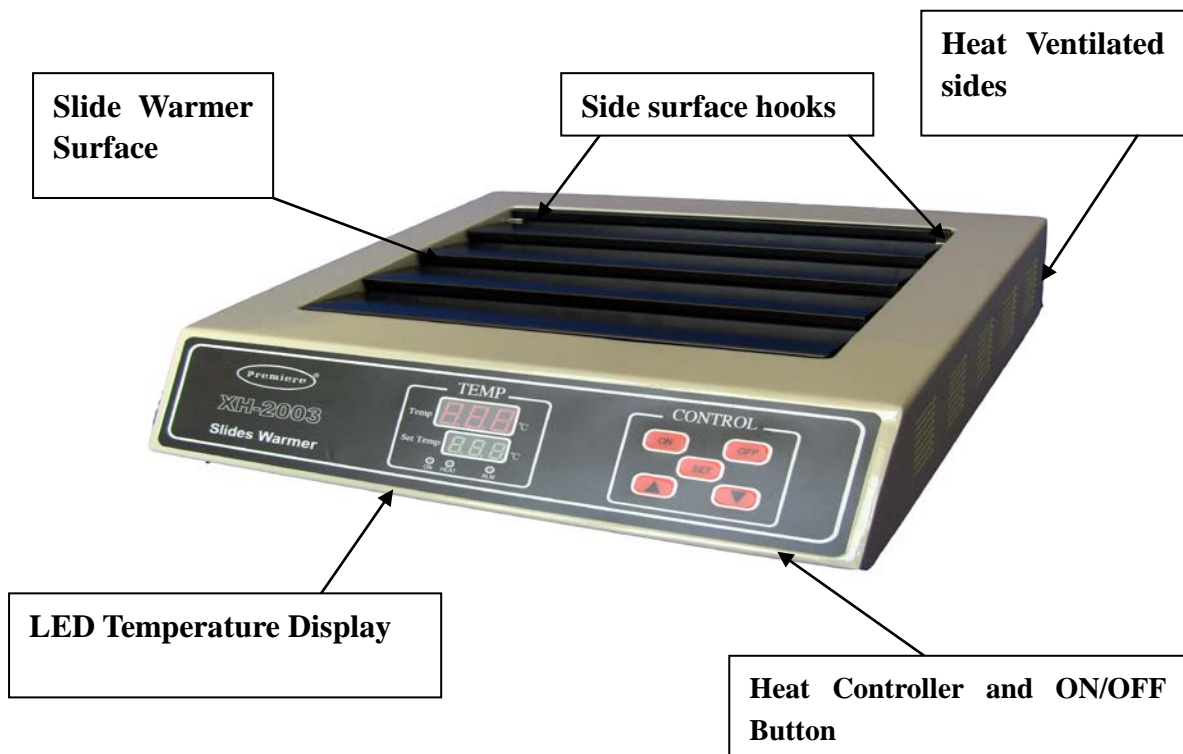
**CAUTION:** No user-serviceable parts inside. Refer servicing to qualified service personnel.

**Premiere®** trademark reg. No. 1713212 USA

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## Diagram



## Specifications

<b>Item Number</b>	<b>XH-2003</b>
<b>Product Name</b>	Premiere <sup>®</sup> Step Up <sup>™</sup> Slide Warmer
<b>Overall size</b>	34 x 34 x 14cm
<b>Voltage</b>	110V, 60Hz or 220V, 50Hz
<b>Temperature</b>	Room temperature to 140° C; ±2° C
<b>Power</b>	800 Watts
<b>Weight</b>	9Kg



### Features:

The **Premiere**<sup>®</sup> Step Up<sup>™</sup> Slide Warmer, **Model XH-2003** is a “tiered” laboratory Slide Warmer that is easy to assemble and use. The Step Up<sup>™</sup> has 4 levels and is able to warm up to 40 slides at one time. The new design of the Step Up<sup>™</sup> surface allows for easier and safer ability to pick up slides than ever before. The Slide Warmer also has an Electrophoretic surface coating. The Step Up<sup>™</sup> is able to warm the slides by heating the tubes and is able to spread the heat throughout the entire surface.

### Applications:

The Step Up<sup>™</sup> Slide Warmer is designed for use in the fields of cytology, histology, and biology. It is also an ideal choice for laboratories, schools (recommended for grades 11 and up) and scientific research organizations.

### Precautions:

- Always use it with care.
- Avoid dropping or shaking during operation.
- Do not wear loose clothing or jewelry while using the Slide Warmer.
- Long hair should be pulled back while using the Slide Warmer.
- Make sure the Slide Warmer is placed on a flat dry surface. Do not put the Slide Warmer in direct contact with the sun.
- Do not expose the Slide Warmer to damp or dusty environments.
- Do not touch the surface of Slide Warmer without proper protection when the unit is turned on or hot.
- Never use any item on the Slide Warmer that can scratch or damage the surface of the machine.
- Use only electrical plug supplied with the Slide Warmer.

- Keep Flammable objects away from the Slide Warmer.
- Keep the area around the Slide Warmer free of clutter
- Do not leave Slide Warmer on un-attended.
- Do not block the heat ventilating holes (seen in picture) on the side of the Slide Warmer.



## Maintenance:

### A. Proper Cleaning, Care, and Storage

- Unplug machine when not in use
- After unit has completely cooled down gently wipe the surface of Slide Warmer after every use.
- For more comprehensive cleaning of the slide surface it can be removed using the side hooks. (See side hook caution on page 6)
- Store the Slide Warmer in a safe place free from moisture.
- Keep the shipping box to insure proper protection for storing or transporting the Slide Warmer.
- Keep vents clear at all times on the Slide Warmer.

### B. Replacements and Repairs

- Never disassemble or service the Slide Warmer yourself.
- Please contact your dealer with any operating problems. Manufacturer warrants each item to be free from defect in materials and workmanship under normal use for 1 year from the date of purchase. Warranty does not cover damage resulting from abuse or misuse, repairs or alterations performed by unauthorized repair technicians.
- When replacing a fuse for the Slide Warmer, (disconnect power cord) use a screw driver to pry fuse box open which is located in the outlet cover. Carefully remove the old fuse and replace the new fuse in the Slide Warmer. Push fuse holder back into place, before plugging the cord in and using the Slide Warmer.

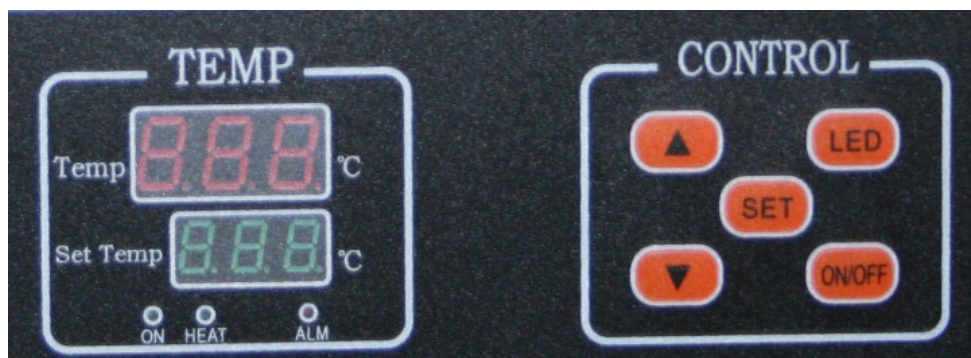


## Assembly:

- Plug the power cord into the appropriate socket.
- Plug the other end of power cord into the appropriate outlet.
- Make sure all screws are secure and nothing is loose.

## Operation:

- Remove the machine from the box, and place the equipment on a safe stable location near an electrical outlet. (110V unless made for 220V). Keep all original packaging in storage.
- Flip the back legs down to allow the slide warmer to stand.
- Plug in the Slide Warmer into a standard 110V (or 220V if applicable) outlet and turn on the power switch button. The light above the word “ON” (located below “Set Temp LED screen”) will light to indicate the unit is working. The Temperature display box will light up and indicate the actual temperature (upper box) and the set temperature (lower box). This should let you know the machine is on.
- To adjust the set temperature, push the “Set” button. The top (larger) display box will read SP. Use the up and down arrows (▲ or ▼) to adjust the temperature to your desired setting. Allow ample time for the slide warmer to warm up. Temperature range is from room temperature to  $140^{\circ}\text{C} \pm 2^{\circ}\text{C}$ . Once the slide warmer reaches your predetermined set temperature, the heat indicator light will turn off indicating that the heater is off and is holding at that temperature.
- To adjust the length of time you want the machine to be operating press the “Set” button again and the top (larger) box will read “ST” (looks like “sr” in the display box). You can now use the up or down arrow (▲ or ▼) and set the machine to run for a specific amount of time or turn this setting to “0” to run continuously.



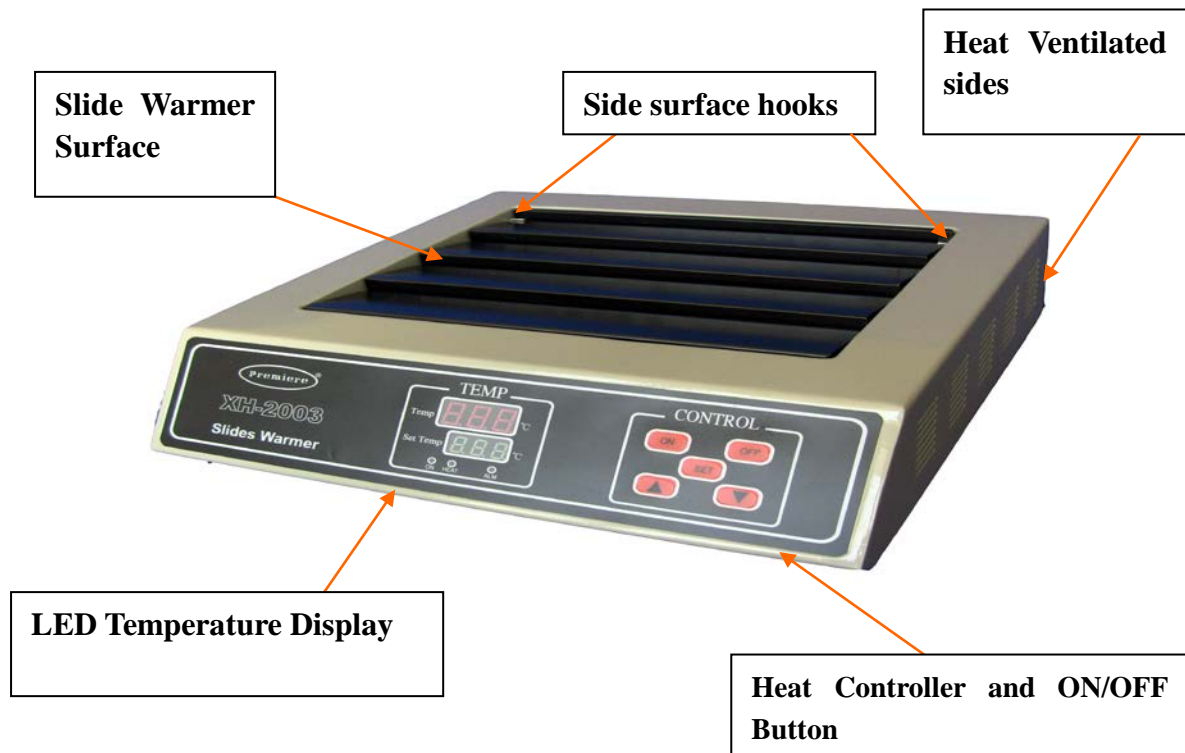
- Press the “Set” button again to return to the main display showing the Actual and Set temperatures.
- Place as many slides (up to 40), in one of the four rows to help warm slides.

**Caution:** Don't block the heat ventilated sides of the slide warmer. Never use any item on the Slide Warmer that can scratch or damage the surface of the machine. Do not touch surface of Slide Warmer with out proper protection, while the surface is hot.

Side hooks can become HOT. Only touch the side hooks after the unit is completely cooled down. Side hooks have the intention of pulling out or helping place back on the tiered surface. You should never try to carry the surface with the side hook only. This could cause the surface to fall.

Please contact your dealer with any operating problems.

### Diagram





*We recommend you record the following information for future reference:*

**Date purchased/received:** \_\_\_\_\_

**Premiere® Dealer:** \_\_\_\_\_

**Dealer's phone number:** \_\_\_\_\_



### **One Year Warranty**

The manufacturer warrants this instrument to be free from defects in material and workmanship under normal use for one year from the date of purchase. It does not cover damage resulting from abuse or misuse, repairs or alterations performed by other than authorized repair technicians, or damage occurring in transit. If you have questions concerning this product or warranty, contact the dealer from whom it was purchased. For warranty service, unit should be well packed to avoid damage in transit, preferably in original box and packing. Include your complete return address and telephone number as well as a description of the difficulty, date and place of purchase, and ship to the address below. It will be repaired or replaced at no charge and returned. If misuse, alterations, accident or abnormal conditions of operation caused failure, an estimate for repairs will be provided for your approval prior to work being performed.

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