



# Tissue Floating Bath



## Model XH-1001 Operating Manual

Before using this product, please read this manual carefully to learn about the available features to obtain the best results of this equipment.

**Warning:** To prevent fire or shock hazard, do not expose this unit to rain or moisture. Unless labeled otherwise, this equipment should be used with AC 110V, 60Hz in the USA or Canada.

220V, 50Hz available as Model No. **XH-1001-220**

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

# 1.1 Table of Contents

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## 2.1 Safety

**Before using the Tissue Floating Bath, please read this instruction manual carefully. Incorrect or inappropriate use may result in equipment damage or personal injury!**

This Tissue Floating Bath is designed for floating paraffin sections along with assisting in placing the paraffin section on a slide and helping the section dry. The sole purpose of this Tissue Floating Bath is for histology use along with research, instruction, and experiments in the universities and technical secondary schools. The Tissue Floating Bath is not recommended for any other uses than the ones described in this manual.

When the Tissue Floating Bath is running (unit is heating), Please keep an area of about 12 inches around the Tissue Floating Bath clear while operating it.

To avoid injury to personnel; do not use the following materials in the Tissue Floating Bath:

- Flammable and explosive materials
- Strong chemical materials
- Toxic or radioactive materials

## 3.1 Contents

Number	Name	Qty	Note
1	Tissue Floating Bath With Glass Lid	1set	
2	AC Power Cord	1pc	
3	Thermometer Holder	1pc	
4	Fuse	1pc	10 AMP
5	Operating manual	1pc	



Upon receipt, please examine the package, if there's anything wrong, please kindly contact your dealer promptly.

## 3.2 Accessories

If you need optional auxiliary parts, please contact our company or authorized dealers.

Name	Use
<p>Thermometer Holder</p> 	<p>Attach holder with three holes facing inside of heating bowl. Place lab thermometer (not included) through three holes into the water; try to avoid thermometer making contact with or resting on the bottom of the bowl for most accurate reading of actual water temperature.</p>

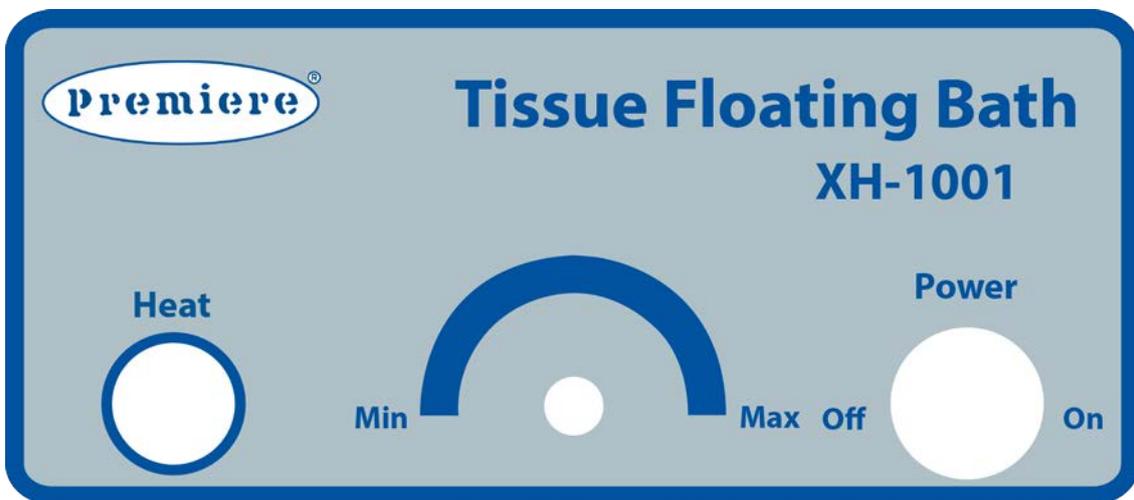
## 4.1 Specifications

<b>Function/ Parameter</b>	<b>Technical Data</b>
Environment of use	<ul style="list-style-type: none"><li>• Clean, dry and flat surface</li><li>• Stable work surface</li><li>• Altitude: <math>\leq 2000\text{m}</math></li><li>• Relative humidity: <math>\leq 80\%</math></li></ul>
Temperature Range	<ul style="list-style-type: none"><li>• Room temperature to <math>75^{\circ}\text{C} \sim \pm 1^{\circ}\text{C}</math></li></ul>
Applicable Voltage	<ul style="list-style-type: none"><li>• AC110V 60HZ</li></ul>
Power	<ul style="list-style-type: none"><li>• 400 Watt</li></ul>
Maximum capacity	<ul style="list-style-type: none"><li>• 0.6 gallon (2.3 L)</li></ul>
Dimensions (machine)	<ul style="list-style-type: none"><li>• <math>11\frac{1}{2} \times 10\frac{3}{4} \times 4</math> in. (<math>29\frac{1}{2} \times 27 \times 10</math> cm.)</li></ul>
Net Weight	<ul style="list-style-type: none"><li>• 5 lbs.</li></ul>
Dimensions (package)	<ul style="list-style-type: none"><li>• <math>13\frac{3}{8} \times 13 \times 7</math> in. (<math>33 \times 33 \times 17.5</math> cm.)</li></ul>
Gross Weight	<ul style="list-style-type: none"><li>• 8 lbs.</li></ul>

## 5.1 Notes of operation

- Do not heat unit when empty.
- User may add as much water as needed to their comfort level (avoid overfilling or risk of overflow).
- Use only with accessories provided or parts designed specifically for use with this model.
- **HAZARD** - Having water near or in contact with power supply may cause electrical shock

## 5.2 Control Panel



Control Panel

HEAT: Heating Indicator Light

MIN to MAX: Temperature Control Dial

POWER ON/OFF: Power Switch

# 6.1 Setup

1. Open box and remove Tissue Floating Bath from packaging.
2. Place Tissue Floating Bath onto flat surface.
3. Attach thermometer holder on the side of the Tissue Floating Bath.
4. Place glass lid onto unit.
5. Plug AC Power cord from back of unit into power supply.

# 6.2 Operations

## Heating

1. Prior to use fill with water at least halfway full – use care to avoid overflowing (Note: type of water – tap, distilled, purified, etc. is optional based on user requirements)
2. Turn on power switch and heat indicator light (see section 6.1) will illuminate indicating the unit is heating. Adjust temperature control dial to the proper setting and allow ample time for the Tissue Floating Bath to warm up. Temperature range is from room temperature to 75°C. Use a laboratory thermometer (not included) to determine actual water temperature based on dial setting and increase or decrease as desired.
3. Once the Tissue Floating Bath reaches your predetermined set temperature the heat indicator light will turn off indicating that the heater is off and unit is holding temperature.

## Making Sure Your Floating Section Is Flat

1. Swipe a slide underneath the floating paraffin section to pick up the section on the slide. After drying the bottom of the slide place your slide on the outer edge of the Tissue Floating Bath. This will help the paraffin section to dry, flatten out and stick firmly to slide. A slide warmer might be needed for large quantities of slides or extended drying time.
2. Between floating paraffin sections you can use a lint-free disposable towel to wipe across the water to remove any leftover floating paraffin.
3. Add additional water as needed by pouring slowly into basin; allow several minutes for temperature to adjust and/or increase temperature control setting as needed.

*Upon receipt of your new tissue bath  
we recommend you record the following information for future reference:*

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

**Dealer:** \_\_\_\_\_

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

**Serial number (if applicable):** \_\_\_\_\_

## **Warranty**

The manufacturer warrants this instrument to be free from defects in material and workmanship under normal use for 1 year from the date of purchase. It does not cover damage resulting from abuse or misuse, repairs or alterations performed by unauthorized 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, product 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. If under warranty 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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