



TISSUE EMBEDDING SYSTEM

BHTP-609

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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

2. 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	

Table 1



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

3. Accessories

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

Name	Use
Thermometer Holder	Attach the holder with the three holes facing inside the heating bowl. Place a laboratory thermometer (not included) through the three holes into the water. Avoid allowing the thermometer to touch or rest on the bottom of the bowl to ensure the most accurate reading of the actual water temperature.

Table 2

4. Specifications

Function / Parameter	Technical Data
Environment of Use	Clean, dry, and flat surface
Work Surface	Stable work surface
Altitude	≤ 2000 m
Relative Humidity	$\leq 80\%$
Temperature Range	Room temperature to $75^{\circ}\text{C} \pm 1^{\circ}\text{C}$
Applicable Voltage	AC 110V, 60Hz
Power	400 W
Maximum Capacity	0.6 gallon (2.3 L)
Dimensions (Machine)	$11\frac{1}{2} \times 10\frac{3}{4} \times 4$ in. (29.5 x 27 x 10 cm)
Net Weight	5 lbs
Dimensions (Package)	$13\frac{1}{8} \times 13 \times 7$ in. (33 x 33 x 17.5 cm)
Gross Weight	8 lbs

Table 3

5. Notes of Operation

Do not heat the unit when empty.

Users 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.

6. Control Panel

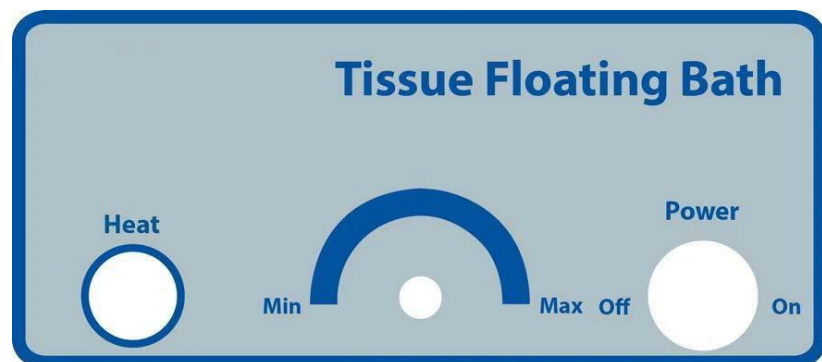


Figure 1

HEAT: Heating Indicator Light

MIN to MAX: Temperature Control Dial

POWER ON/OFF: Power Switch

7. Setup

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

8. 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 the power switch and heat indicator light (see section 6.1) will illuminate indicating the unit is heating. Adjust the temperature control dial to the proper setting and allow ample time for the Tissue Floating Bath to warm up. The 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 the 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 the basin; allow several minutes for temperature to adjust and/or increase temperature control setting as needed.

9. Packing List

No.	Each configuration name	Quantity	Unit
1	Main unit (with glass cover)	1	unit
2	Power cord	1	pcs
3	Thermometer holder	1	pcs
4	Fuse (10A)	1	pcs
5	Operation manual	1	pcs

Table 4



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