



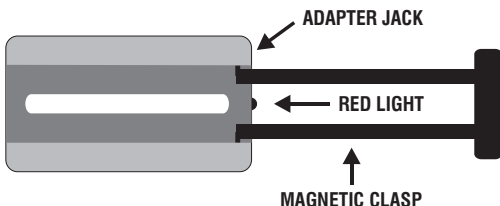
HAMILTON THORNE RESEARCH

INSTRUCTIONS FOR USE OF MINITHERM SLIDE WARMER

1. Attach the adapter cord to the MiniTherm jack.
2. Plug the adapter into an appropriate power source.
3. The MiniTherm will automatically heat to 37° Celsius within 5 minutes. The red light will go off and on when the proper temperature is reached.

Loading the Chamber

4. The MiniTherm is compatible with all analysis chambers of standard slide size.
5. **2X-CEL™** or **Cell-VU™** chamber: Follow the instructions included with the chamber for loading the sample. Place the analysis chamber underneath the magnetic clasp - this is required when using the 2X-CEL or Cell-VU chambers. Use caution when closing the magnetic clasp to prevent damage to the chamber.
6. **Standard Microscope slide:** To avoid interference with motility, the magnetic clasp should be removed by gently squeezing the arms together.
7. **Microcell™:** The magnetic clasp may be left on or removed at your discretion.
8. Place the MiniTherm on the microscope stage.



WARNING: CONTAINS MAGNET
KEEP AWAY FROM DISKETTES AND CRT SCREENS

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INSTRUCTIONS FOR USE OF TEMPERATURE VALIDATION SLIDE

1. Turn on the MiniTherm and let warm up for 4 minutes.
2. Place Validation Slide on the MiniTherm with label side facing up and close the clamp.
3. Wait 1 minute.
4. The slide color will change to green at $37^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ (green color will be similar to the MiniTherm color, being slightly lighter green down the center).
5. If the slide color turns blue/black the temperature is too hot and the MiniTherm setting must be decreased (see below for further instructions).
6. If the slide color turns brown/black, the temperature is too cold and the MiniTherm setting must be increased (see below for further instructions).

Adjusting the MiniTherm Temperature

7. Locate the MiniTherm Temperature Adjustment screw. A small screw driver will be needed to perform the adjustment.
8. **To decrease the temperature:** Turn the adjustment screw counterclockwise one full rotation. One full turn will decrease the temperature by 1°C . Wait one minute for slide to readjust. Repeat procedure until slide turns green.
9. **To increase the temperature:** Turn the adjustment screw clockwise one full rotation. One full turn will increase the temperature by 1°C . Wait one minute for slide to readjust. Repeat procedure until slide turns green.

