

INSTRUCTION MANUAL
CAT. 71318-01, 71318-02
Slide Warmer, Portable Kit



Electron Microscopy Sciences

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About the Slide Warmer

The EMS Slide Warmer is designed to maintain glass slides and other evaluation equipment at the appropriate temperature. Its coated heating surface is recessed to prevent objects from moving or sliding off. The Slide Warmer features a precision solid state temperature control that maintains the factory calibrated temperature within 0.5°C. The Slide Warmer is housed in a durable case with a carrying handle. The hinged lid may be closed when not in use and the detachable power cord can be stored inside the case for your convenience.

The Slide Warmer is available in a number of temperature settings.

Safety Precautions

WARNING: Do not remove the ground prong (third pin) from the power cord or use an ungrounded adapter. The Slide Warmer requires a 3-wire receptacle. If one is not available, consult with an electrician for installation.

WARNING: To reduce the risk of electrical shock, do not disassemble the Slide Warmer.

Instructions

1. Plug in the power cord.
2. Turn on the power switch.
3. Wait at least 10 minutes for the Slide Warmer to warm up.

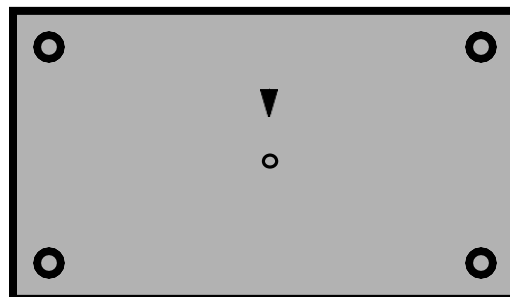
Temperature calibration

The Slide Warmer has been pre-calibrated and should not need to be adjusted. If adjustment to the temperature is desired, proceed with the following steps:

1. Allow 10-20 minutes for the Slide Warmer to warm up.
2. Measure the surface temperature using a digital thermometer equipped with a suitable surface probe.

NOTE: Placing a standard mercury thermometer on the plate surface is not an accurate method of measuring the temperature of the Slide Warmer.

3. Turn the temperature adjustment control, located underneath the Slide Warmer, either clockwise or counter clockwise using a slotted instrument screwdriver.



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4. Wait a minimum of 3 minutes for the temperature to stabilize.
5. Repeat steps 2 through 4 until the Slide Warmer is operating at the desired temperature.

Cleaning instructions

CAUTION: Do not immerse in water! Use soft cloth with mild detergent. Do not immerse Slide Warmer in water or use abrasive cleansers.