

581A MOD 1

SLIDE WARMER



INSTRUCTION MANUAL



ANIMAL REPRODUCTION SYSTEMS

14395 Ramona Ave. Chino, CA 91710

❖ E-MAIL: arssales@dupreeinc.com ❖ TEL: (909) 393-6670 ❖ FAX: (909) 597-3043 ❖



SLIDE WARMER

PURPOSE

Animal Reproduction Systems 581A MOD 1 *Slide Warmer* is designed to maintain glass slides and other semen evaluation equipment at the appropriate physiological temperature.

DESCRIPTION

The *Slide Warmer's* Teflon coated heating surface measures 7" x 11" and is recessed to prevent objects from sliding off. The unit 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 plastic case with a carrying handle for portability. The hinged lid may be closed when not in use and the detachable power cord stores inside the case.

The *Slide Warmer Kit* is available in a variety of physiological temperature settings to take into account the temperature differences between animal species. (See table below.) All kits include the *Slide Warmer*, user instructions and a detachable power cord. The *Slide Warmer* will operate on any 115 VAC power outlet.

Specie	SLIDE WARMER KIT Part No.	Temperature °C
EQUINE	581A-201 (581A-208*)	37°C
BOAR	581A-205 (581A-206*)	37°C
POULTRY	581A-203 (581A-204*)	32°C
	581A-207 (581A-208*)	41°C

*(For foreign purchases a 230V model is also available)

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 SLIDE WARMER. NO USER SERVICABLE PARTS INSIDE.

USER INSTRUCTIONS

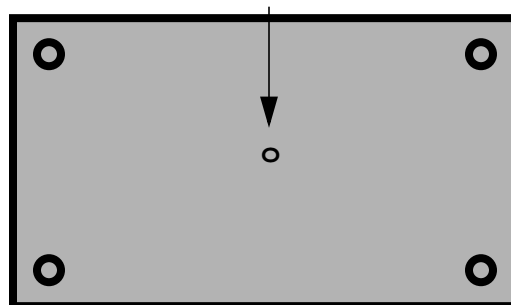
1. Plug in power cord.
2. Turn on POWER switch.
3. Wait at least 10 minutes for *Slide Warmer* to warm up. (Wait 10-20 minutes in colder conditions.)

TEMPERATURE CALIBRATION

The *Slide Warmer* has been pre-calibrated at the factory and should not need to be adjusted. However, if adjustment to the temperature calibration 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*, (see diagram) either clockwise (cooler) or counter-clockwise (warmer) using a slotted instrument screwdriver. (0.100 inch wide x 0.020 inch thick blade.

Temperature Adjustment Control



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.

If you are experiencing a problem with the Slide Warmer that is not covered in these instructions, please contact Animal Reproduction Systems in Chino, California for further assistance via telephone at (909) 393-6670 or, via e-mail: arstechsupport@dupreeinc.com.



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