



Electron Microscopy Sciences
Lab Guillotines
Operator's Manual
EMS Products 93252, 93253, 93254

General Information

CAUTION

The Nemi Animal Guillotine is capable of severing limbs/heads and/or inflicting serious injury or death if used improperly.
Exercise extreme caution when using this device.

Warranty

Electron Microscopy Sciences warrants its guillotines for a period of three years from the date of purchase.

At its option, Electron Microscopy Sciences will repair or replace the unit if it is found to be defective as to workmanship or material. This warranty does not extend to damage resulting from misuse, neglect or abuse, normal wear and tear, or accident. The warranty extends only to the original customer purchaser.

IN NO EVENT SHALL ELECTRON MICROSCOPY SCIENCES BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, OR OF ANY OTHER NATURE.

If a defect arises within the three-year warranty period, promptly contact Electron Microscopy Sciences 1560 Industry Road, Hatfield, PA, 19440, telephone/fax number (215) 412-8400. Goods will not be accepted for return unless an RMA (returned materials authorization) number has been issued by our customer service department. The customer is responsible for shipping charges.

Please allow a reasonable period of time for completion of repairs, replacement and return. If the unit is replaced, the replacement unit is covered only for the remainder of the original warranty period dating from the purchase of the original device.

Repair Facilities and Parts

Electron Microscopy Sciences stocks replacement and repair parts. When ordering, please describe parts as completely as possible, preferably using our part numbers. If practical, enclose a sample or drawing. We offer a complete repair and reconditioning service at our factory.

Guillotine Operation

1. Be sure guillotine is immobile. Remove all locks and safety features, including the handle position pin. Be sure that the blade handle is properly attached and blades are properly in place.
2. Raise the sliding top blade by lifting the handle upward to such point that the diamond shaped opening is sufficiently large enough to allow the animal's head to enter the space. Secure the handle in the upward position by inserting the handle position pin. This will secure the opening size such that the animal may be placed into position.
3. Inspect the guillotine and its cutting edges. Ensure that the guillotine blades are sharp and that the guillotine handle slides smoothly and without restriction.
4. Place the animal into the diamond-shaped hole in the blade opening. Take care that your fingers and arms are clear of the cutting blades. The animal's head should fit through the opening such that the animal's neck is resting on the lower V -shaped cutting edge of the diamond. Animals should never be held in place while cutting. It may be necessary to use a platform to elevate the animal's body so that the animal is resting in place without assistance.
5. Once the animal is securely position for decapitation, only the operator of the guillotine should be within a few feet of the guillotine. The operator should take the time to ensure that all bystanders are adequately away from the guillotine, that the only object in the cutting zone is the animal's neck and that the area is free of any and all other safety concerns.
6. Firmly hold the handle in place and remove the handle position pin. The operator should then lower the blade quickly, using a swift firm downward thrust. If the top cutting blade did not entirely cut through the animal's neck, raise the handle back up and secure the handle with the handle position pin. Look to see if any foreign objects are in the way of the cutting blades. If the cutting area is free of any objects, remove the handle position pin, ensure that the cutting area is free of bystanders and again lower the blade quickly.
7. Once the animal's head has been decapitated, leave the blades closed to prevent injury while that carcass is removed from the cutting area and the unit is being cleaned.
8. The guillotine should be properly cleaned after each use. Follow the cleaning and maintenance directions below.
9. After the guillotine is properly cleaned, all safety devices should be engaged to prevent unauthorized use and potential injury/death. The handle position pin should be in the position to secure handle in closed down position. It is recommended that cutting blades be removed when unit is not being used.