

INTRODUCTION

Animal Research Workstations play an important role in providing operator, animal, and environmental protection during animal handling for clinical research. These workstations protect the operator from exposure to allergens and other potentially hazardous materials, as well as the animals inside the enclosure from exposure to airborne particulates.

Esco's range of animal research workstation:

VIVA® Universal

Animal Containment Workstation

A containment equipment that employs an airflow recirculating design comparable to a Class II Type A2 Biosafety Cabinet.

VIVA® Dual Access

Animal Containment Workstation

A workstation with accessible front and back sides that is suitable for cage changing and animal transfer procedure.

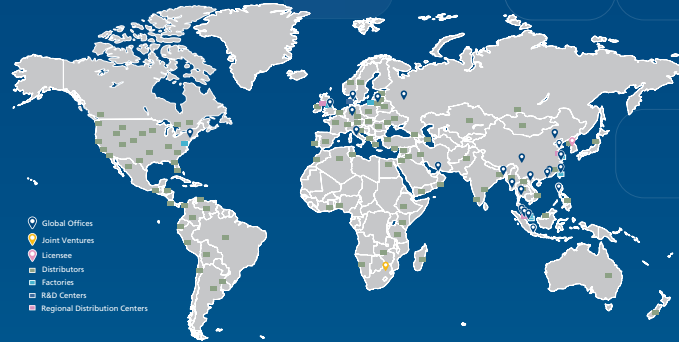
VIVA® Bedding Disposal

Animal Containment Workstation

A workstation for cage changing and bedding disposal procedures.

Preventive maintenance, annual certification, and decontamination are crucial in obtaining optimal working performance of animal research workstations.

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Esco Animal Research Workstation Services

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Esco Animal Research Workstation

PREVENTIVE MAINTENANCE

- Cleaning the work surface and walls with an appropriate disinfectant.
- Removing stubborn stains or spots on the worktop.
- Testing audible and visual alarms.
- Check the workstation's mechanical and electrical functionality for any defect.

CERTIFICATION

• Inflow Velocity Test

Measures the inlet volumetric flow rate on the front aperture at nominal operating speed.



• Particle Count Test

Determines the air quality by counting and sizing the number of particles in the air and classify cleanliness level in a controlled environment.



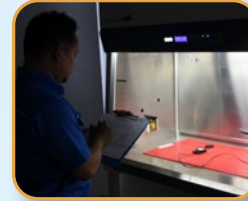
• Filter Integrity Test

Verifies the continued efficiency of the filter by introducing particulates and measuring the output.



• Light Intensity Test

Determines light intensity from the fluorescent lamp in front to back centerline work surface level of the cabinet.



• Noise Level Test

Determines noise level of the workstation during normal operation in front of the work surface area lower edge and above the recessed work surface area.



• UV Intensity Test

Determines the light intensity from UV lamp in front to back centerline work surface level of the workstation.



DECONTAMINATION

Guarantees ready and safe usage of animal research workstation after installation, relocation, or filter replacement. It is done by using formaldehyde, hydrogen peroxide, or other agents by our trained service engineers.



Note: This service is only applicable to Universal Animal Containment Workstation (VA2).

TROUBLESHOOTING AND PARTS REPLACEMENT

Esco provides replacements for consumable elements as well as any components that might fail while the product is in service.

IQ/OQ VALIDATION

Esco provides our customers instructions for Installation / Operation Qualification (IQ/OQ) protocol of our products.

Esco also can perform these services directly on behalf of its customers or arrange them through independent approved local certifiers. The availability may vary from country to country and region to region. Also, Esco can train customer employees to perform IQ / OQ.

TRAINING AND WORKSHOPS

Esco offers training for users of animal research workstation on the procedures in its user and service manuals.

SERVICES TO OTHER BRANDS

Esco does not only provide services for its own product line but also for other brands. Esco assures that your animal research workstation will be properly checked according to your needs.

