

**Omega Supreme Plus Forensic Series Vacuum Instruction Manual**  
**For Model: VACOS-F, VACOS-F220**  
**UL, UL Canada, CE, TUV, EAC**

**IMPORTANT SAFETY INSTRUCTIONS**

When using an electrical appliance, basic precautions should always be followed, including the following:

**READ ALL INSTRUCTIONS BEFORE USING APPLIANCE**

**WARNING:**

**TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY:**

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Electrical shock may occur if used outdoors or on wet surfaces.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended instructions.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to Atrix International.
6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges of corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
10. Keep hair, loose clothing, fingers and all body parts away from openings and moving parts.
11. Do not pick up anything that is burning or smoking such as cigarettes, matches or hot ashes.
12. Do not use without filter in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
16. Connect to a properly grounded outlet only. See Grounding Instructions.
17. *This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.*

*Children should be supervised to ensure that they do not play with the appliance.*

**GROUNDING INSTRUCTIONS**

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance of electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**DANGER:**

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician. This appliance is for use on a nominal 110-volt circuit (VACOS-F). A temporary adapter may be used to connect this plug to a 2-pole receptacle if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed. The green colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw. This unit is also available for 230V configuration (VACOS-F220).

**THIS APPLIANCE IS INTENDED FOR COMMERCIAL USE ONLY. SERVICING, OTHER THAN NORMAL MAINTENANCE, MUST BE DONE BY AN AUTHORIZED SERVICE REPRESENTATIVE.**

**Forensic VACUUM INSTRUCTIONS**  
**Forensic OPERATION INSTRUCTIONS**

1. Release the two front fasteners and open the lid.
2. Remove hose, power cord, and factory sealed forensic filter and crevice tool from cover storage area.
3. Remove the orange plug from the filter cartridge and store in unit.
4. Slide one end of the super flex hose into the filter cartridge.
5. \*Remove forensic filter and then remove red caps and attach hose and crevice tool.
6. Plug the female end of the power cord into the receptacle on the vacuum.
7. Close lid and latch securely.
8. Plug the power cord into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
9. Turn on the power switch.
10. These vacuums have a factory installed resettable Thermal Cutout (TCO) for added operator and motor safety. If the unit gets too hot, the vacuum will shut down for approx. 20 minutes. Turn the on/off switch to the off position, and turn back on in approximately 20 minutes. Your hose may be clogged, or it may be time to install a new filter.

**\*PROCEDURE**

**Prepare Vacuum for Use**

Tamper proof evidence tape is used to seal the evidence filter. Do not attempt to open the filter chamber. Any assembly with disturbed evidence seals should be discarded.

1. Remove the round red vinyl caps from both ends of the filter. Keep these caps for later use. Attach the appropriate tool to the tapered end of the filter.
2. Attach the filter directly to your vacuum's flexible hose. Proceed with evidence collection. Monitor the amount of evidence collected through the chamber's clear tube, and replace filters as needed.
3. After collection is complete or the filter is full, remove the tool from the filter. Remove the filter from the vacuum sweeper and replace both end caps. This effectively seals the evidence into the trace evidence filter assembly.
4. Fill out the form printed on the self-sealing evidence/property bag in which the filter assembly will be packed.
5. Initial the evidence tape seal on filter assembly.
6. Place the filter and applicable tool into the bag.
7. Remove the release liner from the flap of the bag. (The release liner is a plastic strip that protects the adhesive.)
8. Fold along the line indicated on the bag. Press flap and bag together along the line of adhesive to form seal. The bag is now sealed.
9. Tear off the receipt tag from the end of the bag and retain for your records.
10. Forward sealed evidence bag to appropriate crime laboratory.

**INTRODUCTION**

The Trace Evidence Collection Filter is designed and manufactured specifically for the collection of >90% of 3-10 micron particle evidence at crime scenes.

The evidence filters offer one-time use to prevent any possibility of contamination from one area to another. These filters are sealed at the factory, and these seals must not be disturbed either before or after evidence is collected. The seal may be broken only by the laboratory technician.

**CAUTIONS**

- The trace evidence filter is intended for one use only. DO NOT REUSE THIS FILTER or CREVICE TOOL.

Reuse will result in cross-contamination of evidence.

- After the filter and applicable tool are sealed in an evidence collection bag, any attempt to open the sealed bag will result in easily detected distortion in the seal area.

### MAIN FILTER 31700 CHANGE-OUT INSTRUCTIONS

1. Release the two front latches and open the lid.
2. Insert orange plug halfway in contaminated filter cartridge.
3. Lift the filter cartridge out by placing fingertips under lifting tabs located on the ends of the cartridge and lift up.
4. Push orange plug all the way in.
5. Dispose of the filter cartridge in an appropriate manner compliant with all local, state, and federal laws.
6. Insert new filter cartridge.
7. Close lid and latch securely.

### Forensic VACUUM REPLACEMENT PARTS

<u>Description</u>	<u>Part No.</u>
Main Large Vacuum Filter ( <i>Standard, 0.3 micron retention</i> )	31700
Sealed Forensic Filter, Crevice Tool and Evidence Bag	FFCT
Sealed Forensic Filter, Upholstery Tool and Evidence Bag	FFUT
Super Flex Hose <i>10' Stretch</i>	31671
Hose Plug	AVPA005
Filter Plug (Small Inlet)	410017
Detachable 25' Power Cord (110V)	OVPE004B
Detachable 8' European Power Cord	66021A

Please contact Atrix for appropriate replacement parts: 1-800-222-6154 [www.atrix.com](http://www.atrix.com), Email: [Sales@atrix.com](mailto:Sales@atrix.com)

### Forensic Vacuum WARRANTY INFORMATION

**For warranty service information, please contact your local distributor.**

**Warranty/Service Information: For warranty service information, please contact your local distributor.**

To the original user purchasing this stated model, Atrix warrants that the vacuum will be free of defects in material and manufacture for a period of three (3) years from the date of purchase. Should any failure to conform to this warranty appear within this period, Atrix will, at its option, repair or replace the defective product. When using the standard Atrix filter for removing toner, developer, dirt, dust and other NON-hazardous waste, the vacuum can be serviced. It is the user's responsibility to return the product, freight prepaid, to Atrix International. When using the Atrix HEPA or ULPA filter for removing lead or other hazardous waste, the vacuum CANNOT be serviced. Field replacement parts will be made available to the user for the duration of the warranty period. These remedies are the user's exclusive remedies for breach of this warranty.

**Exclusions to warranty coverage:** The above warranty will not apply to any special configurations or to any units that have been modified, or damaged by negligence, misuse, accident or failure to follow Atrix's Instruction Manual. Consumable supplies, such as filters, accessories, and motor brushes are not covered by this warranty.

**Disclaimer of Warranty:** EXCEPT FOR THE IMPLIED WARRANTIES OF TITLE AND AGAINST PATENT INFRINGEMENT, ATRIX MAKES NO OTHER WARRANTIES WITH RESPECT TO THE ATRIX OMEGA PLUS AND OMEGA SUPREME PLUS SERIES VACUUM CLEANER, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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## To Register your Warranty

Visit: [www.atrix.com](http://www.atrix.com)