



# Vacuum Pump Rebuilding Services for Analytical Instrumentation



## Rotary Vane Pumps –

Including Edwards, Pfeiffer, Agilent/Varian,  
Leybold, Alcatel



**Expert Vacuum Equipment Remanufacturing  
since 1972**

1215 Business Parkway North, Westminster, MD 21157

800-272-2525 [www.advaco.com](http://www.advaco.com)

## Remanufacturing Process:

### Disassembly and Cleaning

- Via state-of-the-art, EPA compliant systems

### Inspection and Quotation

- Certified Vacuum Technicians utilizing specially designed and calibrated instruments will thoroughly inspect all components (including electrical and diagnostic systems) vs original OEM specifications.
- All consumable items quoted for replacement.
- Major components that do not meet original OEM specifications are quoted for replacement or re-manufacturing in our in-house machine shop (at considerable cost savings).

### Assembly

- Unit will be re-assembled in one of our dedicated manufacturing cells.

### Testing and Quality Control

- Extensive post re-manufacturing testing via proprietary software/hardware generating graphical data certifying both ultimate vacuum and pumping speed.
- Applicable equipment software verified and re-set (run hours, etc.).
- Inboard and Outboard Helium Leak Testing.

**Two-year warranty from date of installation**



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## Turbo Pumps –

Including Edwards, Pfeiffer, Agilent/Varian,  
Leybold



## Turbo Controller & Power Supply Repair Services

ADVACO offers a complete repair service for turbo pump controllers and power supplies. Manufacturers serviced include Agilent, Alcatel, Pfeiffer/Balzers, Leybold, Seiko, Edwards, and Varian.



Precision Dynamic Balancing

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## Remanufacturing Process:

### Disassembly and Cleaning

- Via state-of-the-art, EPA compliant systems



### Inspection and Quotation

- Certified Vacuum Technicians utilizing specially designed and calibrated instruments will thoroughly inspect all components (including electrical and diagnostic systems) vs original OEM specifications.
- All consumable items are quoted for replacement:
  - Precision Bearings
  - O-rings
  - Vibration Rings
  - Wicks/Felts

### Assembly

- Unit will be re-assembled in one of our dedicated manufacturing cells. Utilizing in-house equipment, the pump's rotor assembly will be properly adjusted and dynamically balanced.

### Testing and Quality Control

- Extensive post re-manufacturing testing via proprietary software/hardware generating graphical data certifying both ultimate vacuum and pumping speed.
- Applicable equipment software verified and re-set (run hours, etc.).
- Inboard and Outboard Helium Leak Testing.

**Two-year warranty from date of installation**

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