



# Vacuum Pump Rebuilding Services for **Research & Development**



**Rotary Vane & Scroll Pumps –**  
Including Agilent/Varian, Alcatel, Anest Iwata,  
Edwards, Leybold, and Pfeiffer



**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**



# Vacuum Pump Rebuilding Services for Research & Development

## Turbo & Cryo Pumps –

Including Agilent/Varian, CTI/Brooks, Edwards, Leybold, and Pfeiffer



## Turbo Controller & Power Supply Repair Services



Precision Dynamic Balancing

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

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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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