



HIGH VACUUM EQUIPMENT SERVICE AND REPAIR

ABOUT:

Serving the High Vacuum Industry since the year 2000.

A & J Vacuum Services is your trusted worldwide leader in sales and service of High Vacuum equipment. Located in the heart of the New York Metropolitan area, our focus is to deliver the best customer support and service in our industry. With over a decade of experience, A & J Vacuum Services is fully dedicated to the highest quality of customer satisfaction.



PROFESSIONALLY TRAINED TECHNICIANS

HIGH VACUUM PUMP REPAIR AND SERVICE:

- **Turbo Pump** Repair & Service
- **Rotary Vane Pump** Repair & Service
- **Dry Vacuum Pump** Repair & Service
- **Leak Detector** Repair & Service
- **Scroll Dry Pump** Repair & Service
- **Vacuum Booster** Repair & Service
- **Diaphragm Pump** Repair & Service

ALL MAJOR BRANDS:

- Pfeiffer Vacuum
- Edwards Vacuum
- Anest Iwata
- Agilent / Varian
- Alcatel / Adixen
- Vacuubrand
- Oerlikon / Leybold
- Inficon
- Vacuubrand



FULL SERVICE AND REPAIR FACILITY

CONTACT US FOR YOUR NEXT REPAIR:



Call **1-973-249-0854** for a free repair estimate.



Visit www.AJVS.com and complete our online *Repair Estimate Form*.



3-12 MONTH WARRANTY



HIGH VACUUM EQUIPMENT SERVICE AND REPAIR

HIGH QUALITY VACUUM PUMP & TURBO PUMP SERVICE:

We operate at our own full service repair facility which allows us to quickly and economically perform all repairs in a timely manner. Our advanced machinery enables us to handle all facets of the service and repair process. AJVS utilizes industry standard vibration analysis equipment and advanced testing equipment to troubleshoot and minimize all equipment failures. Our in-house machine shop is capable of machining various components, prototypes and housing conversions as needed.

A & J VACUUM SERVICES TURBO PUMP & VACUUM PUMP REPAIR PROCESS:

Repair Steps:

1. FULL INCOMING INSPECTION AND RUN UP TIME CHECK, VIBRATION CHECK, DRIVE INSPECTION.
2. FULL DISASSEMBLY, DECONTAMINATION AND CLEANING.
3. PUMP IS BALANCED UTILIZING STATE-OF-THE-ART EQUIPMENT FROM THE WORLD LEADER IN EQUIPMENT BALANCING AND ANALYSIS TO REDUCE NOISE AND VIBRATIONS AND EXTEND BEARINGS LIFE. (TURBO PUMPS)
4. ASSEMBLY AND REPLACEMENT OF ALL NECESSARY PARTS SUCH AS SHAFTS, BUSHINGS, BEARINGS, SLEEVES, O-RINGS, GASKETS, SEALS, WICKS, ETC. ONLY PARTS THAT MEET OR SURPASS OEM SPECIFICATIONS ARE USED TO ENSURE DEPENDABLE HIGHEST QUALITY SERVICE AND LONG PUMP LIFE.
5. FINAL TEST AND LEAK CHECK. THE PUMP IN FULLY ASSEMBLED CONDITION IS CHECKED FOR VACUUM SEAL. LEAK TEST TO 1×10^{-9} MBAR L/S. VIBRATIONS ARE ANALYZED AND TEST DATA IS DIGITALLY RECORDED. (TURBO PUMPS)

HIGH VACUUM TURBO PUMP & VACUUM PUMP APPLICATIONS:

Chemistry Research	Semiconductor Manufacturing and Research
Analytical Instrumentation	Pharmaceutical and Medical
Vacuum Metallurgy	Solar Cell and Photovoltaic
Electron Beam Welding	Biofuel Research and Manufacturing
Tool Coatings	Physics Research
U.S. Defense Research	

