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SERVICES

Rebuilt / Refurbished Mechanical & Diffusion Pumps

Upon receipt of each pump it is completely disassembled and cleaned. Each part is then inspected for signs of wear. All consumable parts are inspected for proper operation. Any additional parts requiring re-manufacture or replacement will be quoted at an additional cost. Each pump is precision assembled to original tolerance. Upon assembly completion, each pump is continuously tested for a minimum of 24 hours with customer supplied fluid if requested. There is no fee for inspection.. Typical lead time is 10 to 14 days.

Equipment Serviced:

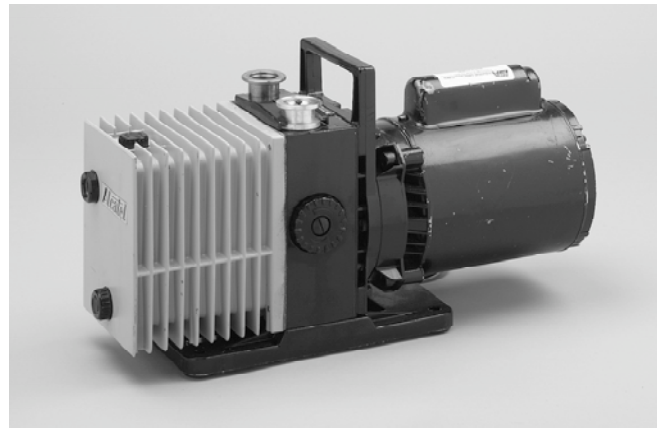
- Alcatel • Edwards • Leybold • Hull • NRC • Varian • CVC
- Varian • Sargent Welch • Precision Scientific • Cooke
- Thermionics • Kinney • Stokes • Balzers • CTI Cryogenics

Warranty:

ISA offers a 1 year warranty against defects in material and workmanship. This does not include process related problems or damage. Equipment that has not been replaced or repaired by ISA Vacuum Products are excluded from warranty

Reconditioned and used equipment:

Ask about our inventory of reconditioned mechanical and diffusion pumps.



WAFER FAB UHV & COMPONENT CLEANING

Cleaning of Systems operating under high vacuum or ultra-high vacuum.

CVD ... PVD ... Plasma Etching ... Vacuum Evaporation ... Ion Implantation

We use a Selective Wet Chemistry Process to clean Deposition material from Chamber tools and substrates.

Typical Deposition includes single layer or multi-layer deposits of: Gold, Silver,

Copper, Chrome, Aluminum, Nickel, Silicons, Other Material Cleaned upon request.

We also Provide Gold & Silver Reclamation & Twin Wire Arc Spray to extend shield life and to prevent deposition flaking.

Fluid Reclamation Service

See Page 3.

Rebuild Nude Ion Gauges

See Page 11.

Rebuild Electron Beam Gun Emitters

See Page 53.