

## Equipment & Service



*“What you need, when you need it.”*

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## **The Highest Quality at the Lowest Prices**

- All refurbished equipment is fully remanufactured
- Extensive testing is done to insure product performance
- 1 year warranty on most products
- No one will beat our prices
- 50%-80% savings compared to new
- Terms available

## **Largest Inventory of Used Vacuum Critical Components**

- Drop-in replacements of model no longer available from the manufacturer
- Current catalog equipment in stock and ready to ship
- No one has more critical component inventory than PTB
- Drop by to view our entire inventory
- More equipment than can be listed available

## **Service & Support**

- Decades of experience amongst our technicians
- Complete quality procedure specification for assembly and test
- Technical support available
- No one services more cryo pumps than PTB

## CRYOS



## PTB is the Industry Leader in Rebuilt Cryos

- CTI/Brooks
- Cryo-Torr®
- On-Board®
- Water pumps
- IS pumps
- Compressors
- 1 year parts and labor warranty
- Large inventory of pumps
- Large inventory of compressors
- Exchange pumps available
- Test report included
- Custom packages available
- Call PTB for current inventory

## MECHANICAL PUMPS

## Rebuilt to OEM Specifications

- Alcatel/Adixen
- Edwards
- Oerlikon Leybold
- Varian
- Stokes
- Busch
- Kinney-Tuthill
- Welch
- All pumps are fully remanufactured and tested
- 1 year parts and labor warranty
- Large inventory of pumps
- Custom packages available
- Fomblin or hydrocarbon prep
- Test report included
- Call PTB for current inventory

## DRY PUMPS



## Scroll, Diaphragm & Multi-Stage Lobe

- Alcatel/Adixen
- Edwards
- ANEST IWATA
- Oerlikon Leybold
- Varian
- EBARA
- All dry pumps are fully remanufactured and tested
- 1 year parts and labor warranty
- Large inventory of pumps
- Interface modules available
- Test report included
- Call PTB for current inventory

## TURBO PUMPS

### Maglev Ceramic Bearing

- Edwards
- Oerlikon Leybold
- Alcatel/Adixen
- Varian
- Balzers Pfeiffer
- Turbos are fully rebuilt and tested
- 1 year warranty
- Many in stock for quick turnaround
- Exchanges available
- Call PTB for current inventory

## POWER SUPPLIES

### DC, RF, E-Beam & Ion-Beam

- Advanced Energy
- Comdel
- ENI/MKS
- RFPP
- Sorensen
- Telemark and more
- Power supplies are rebuilt tested
- 90 day warranty
- RF power supplies are calibrated
- Test report included
- 90 day warranty
- Call PTB for current inventory

## VALVES

### Angle, Gate, Slit & Throttle

- GNB
- HVA
- MDC
- MKS
- Varian
- VAT
- PTB has the largest inventory of surplus valves in the Industry
- 1 year warranty
- All valves are fully rebuilt
- Leak checked and tested
- Call PTB to have your valve rebuilt

## LEAK DETECTORS

### Sold with Rebuilt Mechanical Pumps

- Alcatel/Adixen
- Balzers Pfeiffer
- Edwards
- Oerlikon Leybold
- Varian
- Veeco
- 1 year warranty on pumps
- 90 day warranty on electronics
- Leak standard available
- Service on Varian leak detectors
- Sniffer probe available
- Call PTB for current inventory

## CRYOS

### Rebuilt to Exacting Standards

- PTB is the Industry Leader in cryo pump and compressor rebuilding
- We back this claim with a 1 year parts and labor warranty
- Our remanufacturing processes and full function testing are the most comprehensive in the Industry, insuring reliability for every PTB rebuilt cryo and compressor
- Our PumpTechBuilders™ - all OEM-trained technicians from major pump manufacturers - rebuild cryo pumps and compressors to meet or exceed manufacturers' specifications for performance

## MECHANICAL PUMPS

### Rebuilt to OEM Specifications

- Each pump is completely disassembled, decontaminated and reassembled by our highly trained technicians
- All parts used are OEM or equivalent
- Final testing and Q/A insures a quality rebuild

## POWER SUPPLIES

### Full Function Testing & Calibration

- PTB offers one of the most comprehensive diagnostics and testing in the Industry
- Each power supply is component tested and repaired
- Calibration and interface performance is standard in any repair
- Call PTB to have your power supply repaired at some of the lowest prices

