

# A-to-Z Storage LLC

**Used**

## **Analytical Testing Equipment**

- \* Ultra High Vacuum System (UHV)
- \* & 2 Hitachi Model L-2455 HPLCs



A to Z Storage LLC  
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303-857-4500

Contact [Ed@PureVisionTechnology.com](mailto:Ed@PureVisionTechnology.com)  
[www.a-to-z-storage.com/equipment-sales](http://www.a-to-z-storage.com/equipment-sales)





Ultra-High Vacuum System-  
For Simulated Space  
Environments (UHV)  
\$50,000 OBO



2 Hitachi HPLCs  
Model L-2455  
Diode Array Detector  
\$10,000 Each OBO

# FOR SALE

- Used analytical testing equipment
- FOB Fort Lupton, CO 80621
- Easy truck access for loading, fork lift loading available
- Pick up preferred, will package for shipping at buyers expense
- All sales are final
- Cash or credit card accepted



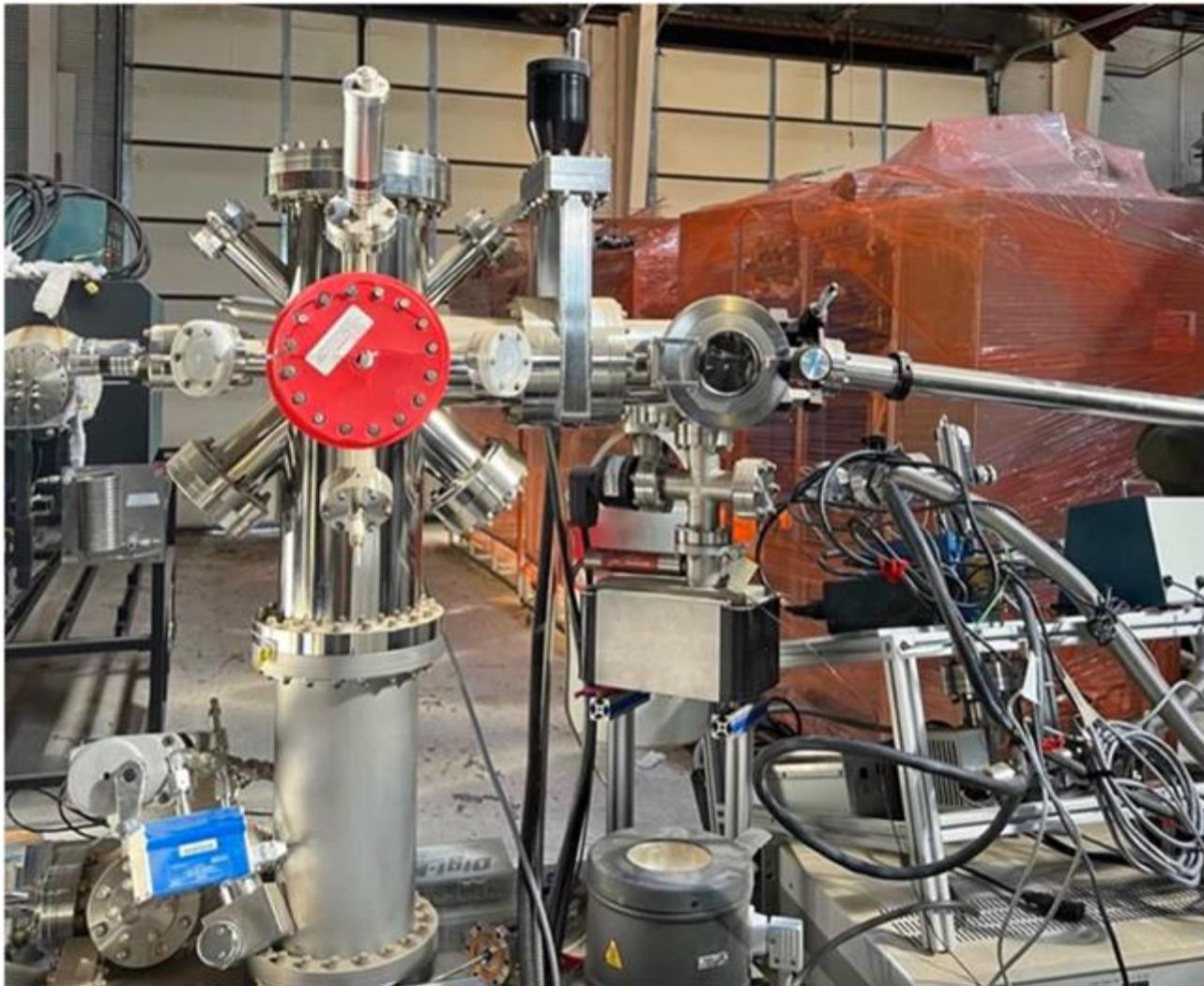
# Surplus Lab Equipment

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Ultra-High Vacuum  
System (UHV)  
For Simulated Space  
Environments

\$\$50,000 or Best Offer

Brochure Available



# Ultra-High Vacuum System For Simulated Space Environments

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Ultra-high vacuum (UHV) system designed to simulate the space environment of a geosynchronous satellite; This includes considerations for vacuum, temperature, radiation, and other factors.

Base Pressure:  $1 \times 10^{-9}$  to  $1 \times 10^{-10}$  torr  
Simulated Space Environment

- Electron Bombardment
- Protons & Atomic Hydrogen
- Ultraviolet Radiation



OLECULAR DIFFUSION  
PUMP. Pfiffer



# Ultra-High Vacuum System For Simulated Space Environments

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## Key Subcomponents

- Molecular Diffusion Pump- Pfiffer
- Oxygen ion Guns Spec - SIQE 11 - A
- Ultraviolet Radiation Spec - Scientific Instruments/ Kurt K. Lesker, Model FG 15/49
- Deuterium lamps Specs Scientific Instruments/Kurt J. Lesker Model FG 15/49 flood gun
- Progons and Atomic Hydrogen Specs -
- Scientific Instruments/Kurt, J. Lesker Model IQE 11/35



## Ultra-High Vacuum System- For Simulated Space Environments

### Key Features

#### Features

- Vacuum Chamber
- Pumping System
- Temperature Control
- Monitoring and Control System
- Safety System; interlocks

#### Capabilities

- Radiation simulation
- Solar simulation
- Solar storms

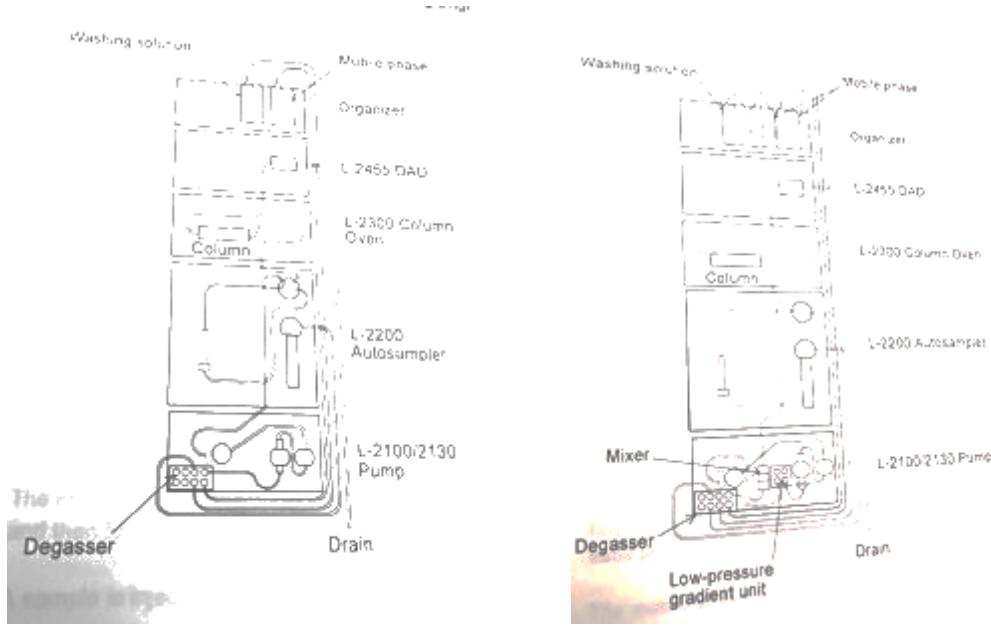
#### Possible Expanded Capabilities

- Motion Simulation
- Material outgassing studies
- Integration with other simulation systems; vibration
- electromagnetic interference etc.



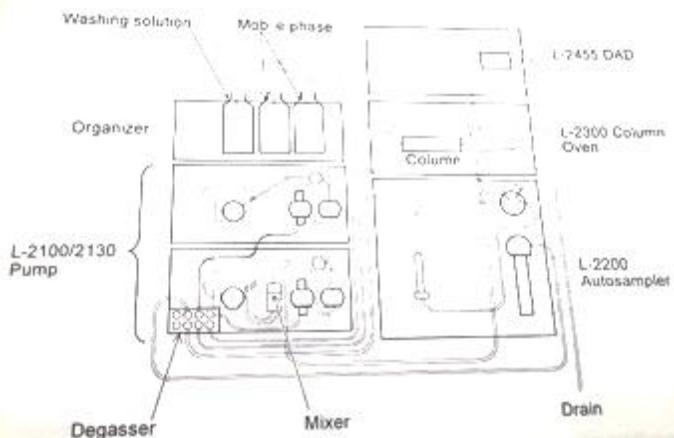
2 Hitachi HPLCs  
Model L-2455  
Diode Array Detector





### Isocratic System

A simple system in which analysis is made with a single solvent



### Low-pressure Gradient System

Two or more solvents are mixed in the low pressure section and fed by single pump.

### High-pressure Gradient System

Two solvents are fed by multiple pumps and mixed in the high-pressure section for liquid delivery

# HPLC Model L-2455 Diode Array Detector Hitachi \$10,000 each OBO



# A to Z Storage LLC

A to Z Storage is also selling a wide variety of high-tech analytical equipment, pumps, motors, stainless steel tanks and much more. See our Equipment Sales pages for details on these and many other otherings. [www.a-to-z-storage.com/equipment-sales](http://www.a-to-z-storage.com/equipment-sales)



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