



Lab-Crest® Midi-Distillation Systems and Pressure Reaction Vessels Provide Efficiency and Cost Effectiveness in Laboratory Testing and Analysis

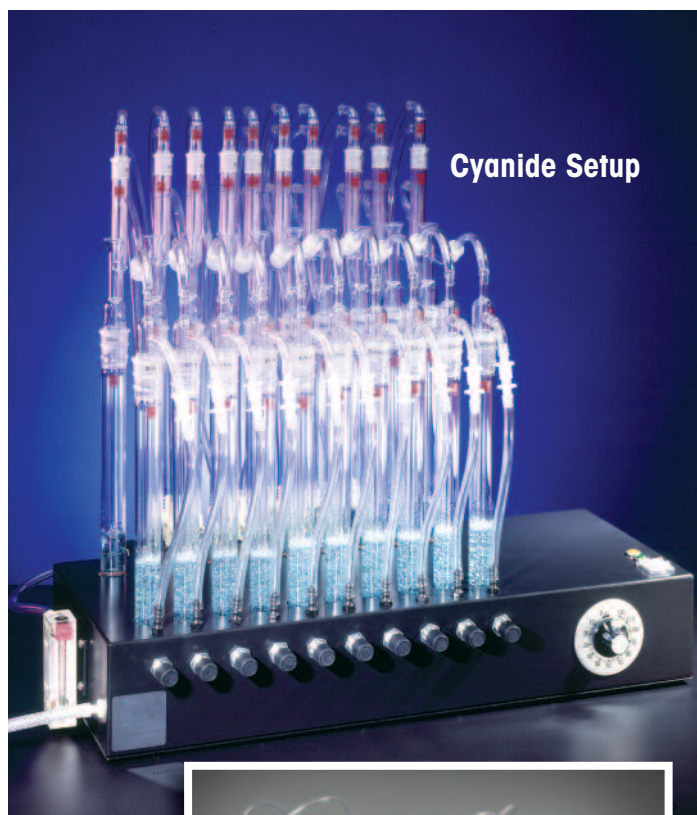
Fully Integrated Midi-Dist™ Systems Save Space, Time, and Money

Andrews Glass Company provides you with the most straight forward economical choices for sample distillation. Lab-Crest Midi-Dist Systems allow you to replace costly macro distillation techniques. Designed to make distillation and other difficult analyses easy, these compact, fully integrated units enable you to quickly and efficiently prepare multiple samples for analysis. With easy-to-use and handle glassware; economical, no-worry, preset heater blocks; precut and preassembled quick disconnects and tubing; and a range of useful accessories, Midi-Dist Systems can be quickly set up to run the distillations whenever needed.

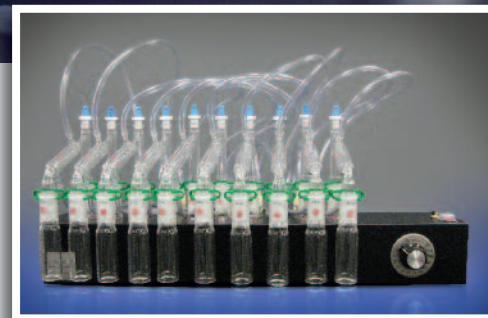
- **80% Reduction in Space Required** – Conduct simultaneous distillations in as little as 1/5 the space used by traditional systems.
- **Up to 50% Reduction in Distillation Time** – Glassware is easy to handle, clean, store, and setup. Integrated heater, holder, water, and vacuum manifolds, tubing, couplings, and controls are designed to simplify setup for use. Fully self-contained, the entire system is easily moved and allows completion of four distillation cycles per shift.
- **90% Reduction in Reagents Used** – In addition to savings in time and space go right to the bottom line. The Midi-Dist System uses up to 90% less reagents and generates less waste than traditional systems, providing additional savings on reagent purchases and waste disposal costs.
- **90% Reduction in Sample Size** – Requires you to collect, hold, and process less sample material.

Cyanide/Sulfide Distillation

Midi-Dist™ Systems for cyanide and sulfide conform to US EPA Methods 335.2 CLP-M and 335.4. Units are available in 10 station and 4 station versions. The 10 station has a footprint of 24" front panel and 10" side panel and weighs 28 lbs. The 4 station unit features a 15" front panel and 10" side panel. It weighs only 13 lbs.



Cyanide Setup



Phenol Setup

Ammonia/Phenol Distillation

The Midi-Dist System for ammonias and phenols enables the user to downscale EPA Method 350.1 for ammonias and EPA Method 420.4 for phenols. It is suitable for determination of ammonia or phenol in drinking water, ground water, surface water, saline water, domestic waste water, and industrial water. You can distill one sample or ten as needed, and you can do ammonias or phenols separately or both at once. The system has an extremely small footprint.

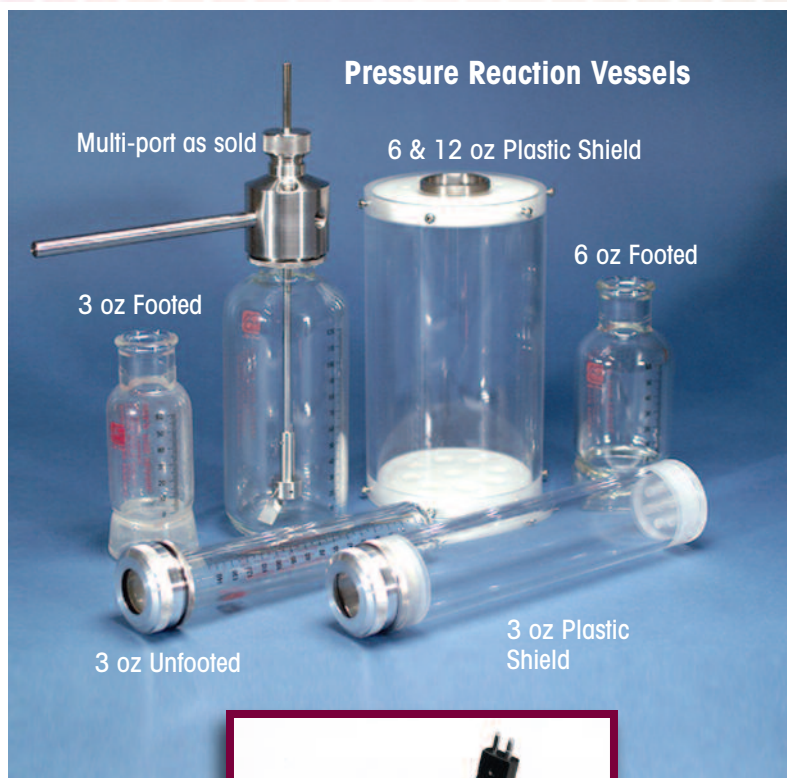
Lab-Crest® Glass Pressure Reaction Vessels Offer Outstanding Market Value in Research and Industrial Laboratories

Visual observation of a pressurized system is one of the major advantages of Lab-Crest glass pressure reaction vessels. Chemically inert borosilicate glass construction allows you to accurately and safely observe:

- Solubility of gases in liquids at increased pressures
- Chemical behavior of liquids and gases subjected to temperature and pressure changes
- Effect of liquids on metals
- Purity of propellant batches
- Spray and pressure characteristics
- AKA Fischer-Porter Bottles

Typical applications include hydrogenation, polymerization, catalysis, and isomerization. Pressure reaction vessels are available in three standard sizes: 3 ounce, 6 ounce, and 12 ounce. All vessels are manufactured by Andrews Glass Company and are PVC coated for protection, marked with a millimeter reference scale, and individually pressure tested.

Multi-Ported Stirring Assemblies are available for gathering chemical reaction data on heterogeneous materials. This 12 ounce vessel with a rugged head and stirrer assembly provides controlled constant stirring capability and easily handles highly viscous materials. It enables use of pressure control gauges and temperature probes. Samples can be easily injected or extracted.



Multi-Ported Stirring Assemblies with Assorted Accessories



For application assistance or other information call 1-800-845-0026, visit andrews-glass.com or laserglasscomponents.com

ISO 9001:2008 Certified