



## Simple Solutions for Complex Problems

Founded by Donald Mayeaux in 1988, A+ Corporation began by developing ground breaking technologies and products, based on applying sound principles of science, for analyzer sample conditioning and moisture and corrosion control within electronic enclosures. Our Analytically Correct™ products quickly revolutionized the analyzer sample conditioning industry. Today, our products are world renown and have become the industry standard for accurate sampling and protection of analytical equipment.



### Genie® Membrane Separators™ Series 100 & 200

These separators contain Genie® Membrane Technology™ and are designed to provide sample conditioning and analyzer protection by:

- Removal of entrained liquid and fine particles from gas (vapor) streams. (100 Series)
- Removal of immiscible liquid such as water from liquid hydrocarbon sample streams such as gasoline and diesel. (200 Series)
- Removal of absorbed gases, gas bubbles, or volatile organic carbon (VOC) compounds from water samples (200 Series)



### Genie® Probes™

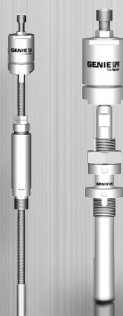
- Genie® Probes™ contain Genie® Membrane Technology™ on the probe tip which rejects entrained liquid at flowing pressure and temperature conditions, in compliance with the API 14.1 and GPA 2166 standards, making them suitable for extracting a representative (vapor phase only) spot, composite, or on-line gas sample.
- A variety of portable and permanent models are available that range from 2" in length (designed to install into small, depressurized line) to those that are several feet long (designed to install into an underground main line that cannot be depressurized).



### Genie® Pressure Regulators

The Genie® Regulators™ are designed to help condition gas samples for analysis. Our product offering includes single stage but also multi stage regulators in a heated and non-heated versions.

- Minimizes the chance of condensation thereby reducing regulator freeze-ups, preserving sample integrity, and minimizing analyzer down time and maintenance cost
- Eliminates the need for multiple regulators in series - reducing cost, space, and set up time (JTR and JTR-H)



### Genie® Probe Regulators™

- Genie® Probe Regulators™ contain Genie® Membrane Technology™ on the probe tip which rejects entrained liquid at flowing pressure and temperature conditions, in compliance with the API 14.1 and GPA 2166 standards, making them suitable for extracting a representative (vapor phase only) gas sample.
- They also contain an internal pressure regulator, located at the lower end of the probe in the flowing stream, to reduce the pressure of the sample before transporting it to an on-line analyzer.
- A variety of models are available that range from 4" in length (designed to install into a small, depressurized line) to those that are several feet long (designed to install into an underground main line that cannot be depressurized).





### DaVinci™ Modular Sample Systems

- DaVinci Modular Sample Systems consist of all necessary components required to properly condition a gas sample, mounted on a single, compact platform (board). The single board design greatly simplifies the system engineering process and also reduces the number of potential leak points. Each DaVinci system is delivered fully assembled and 100% tested with components that conform to ANSI/ISA 76.00.02.202.
- Our Modular Genie® and Modular Avenger™ components are designed for mounting on ANSI/ISA 76.00.02 1.5" base compliant sampling system substrate to provide sample conditioning and analyzer protection by either removal of entrained liquid and fine particles from gas (vapor) streams or coalescing and removal of liquid droplets and solid particles from gas (vapor) streams requiring low flow rates.



### Avenger™ Filters Series 30 & 90

- These filters provide sample conditioning and analyzer protection by:
  - Coalescing and removal of liquid droplets, aerosol mist, and solid particles from gas (vapor) streams
  - Removal of sticky particles from liquid
- A variety of models are available for handling a wide range of applications.
- 30M Series models are also available with phase separation membrane for exclusion of liquids in addition to the particle filter element. A Liquid Block™ feature is also available with this model.



### Tornado™ Self Cleaning Filters

A continuous, self-cleaning filter that protects analyzers by removing hard particles from liquid sample streams.



### Q2™ Sample Cylinder

The Q2 Sample Cylinder™ is an innovative DOT-3E 1800 sample cylinder specifically designed to sample natural gas near its dew point or in low ambient temperature conditions. The Q2's most unique features, the integral recessed valves and cylinder bag, combine to eliminate common sample distortion problems resulting from damaged valves or improper cleaning and purging techniques.



### Kozy™ Insulators

Insulated pipe blankets, valve covers, and probe jackets to help prevent liquid condensation of the sample by insulating from the extraction point on the pipeline all the way to probe outlet.



### Humidisorb,™ XCorrode,™ Humidisorb+XCorrode Moisture & Corrosion Control

- Humidisorb packets are designed to protect moisture sensitive enclosures and electrical/electronic equipment by absorbing and releasing moisture to maintain a long term, constant relative humidity inside of the enclosure.
- X-Corrode packets are designed to protect electrical and electronic equipment against corrosion by slowly releasing a corrosion inhibitor which passivates all of the metals commonly found in electrical and electronic circuits.
- Humidisorb plus X-Corrode is a combination packet designed to provide a high level of protection against atmospheric moisture and corrosion caused by atmospheric contaminants.



**A+ Corporation is the leader in Analytically Correct™ Sample Extraction and Conditioning Systems.**

Contact us for expert product application assistance.  
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