



## Large enough for a 10' install yet small enough to fit in an enclosure!

Liquid in a sample conditioning system can damage analyzers and lead to inaccurate sample analysis; directly affecting the bottom line. Applying our Analytically Correct™ designs to your sampling system can prevent these occurrences.

Our Genie® Model 702 Permanent Insertion Probe is a simple, safe and economical solution to extract a representative vapor phase sample from a gas source. The 702 is designed for sampling at a specific depth in a pressurized pipeline; each length is customized up to 10 feet to fit your application. Our exclusive Pressure Balance™ technique allows you to effortlessly insert the probe without the need for additional tools or pneumatic and hydraulic methods. Once inserted, the installation housing can be replaced with a shorter one to accommodate partial retraction of the probe during pigging operations or placement into heated enclosures.

We are the only manufacturer that provides Analytically Correct™ membrane tipped sample probes for insertion inside a pipeline or vessel. Using a membrane tip conforms to API 14.1 and GPA 2166 standards. Our patented Genie® Membrane Probes™ are the most efficient means for separating entrained liquid from the sample at source conditions.



### Product Brief

#### Applications

- Continuous sampling from underground natural gas transmission lines and certain hazardous gas sources
- Gas sampling of mixtures containing less than 30% hydrogen

#### Benefits

- Protects sample system from liquid and particulates
- Insertion and retraction without pneumatic or hydraulic methods
- Source conditions monitored while sampling
- API 14.1 and GPA 2166 standards compliance
- Installation and maintenance without depressurizing line
- Helps preserve sample integrity
- Increases safety of personnel

#### Features

- Genie® Membrane Technology™
- Pressure Balance™ installation
- Partial retraction housing accommodates pigging operations or placement into enclosures
- Built-in ports and valves for purging vented gas
- Low profile above pipe



## Model Numbering & Additional Part Numbers

Your model number is determined by your specific needs. Choose options below.

### Sealing material

7 = Neoprene rubber

J = RGD resistant HNBR

(other materials available upon request)

### Membrane type

6 = Better Rejection; Rejects ALL types of liquids from vapor

7 = Highest Temps; Rejects ONLY high surface tension liquids

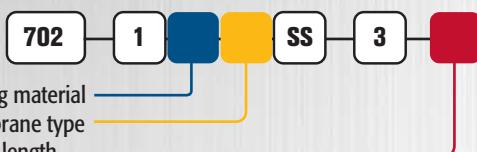
### Probe insertion length (L)

12, 18, 24, 30, 36, 48, 60, 72, 84, 96, 108, 120 inches

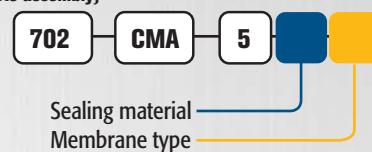
### Regulator coupling

ACC-SS-702-1 (recommended when attaching external regulator)

### How to build the model number:

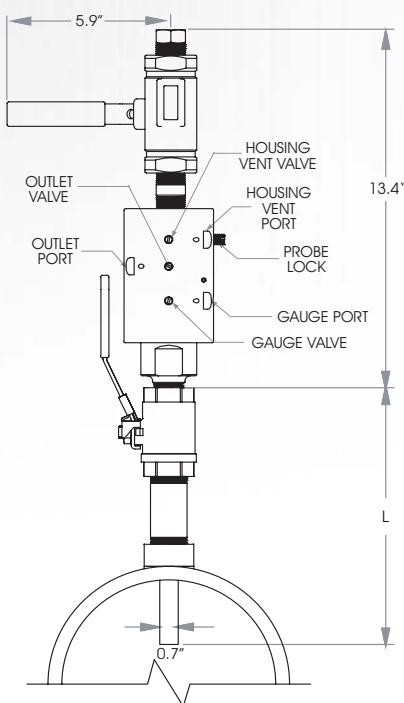


### How to build the replacement membrane number: (Contains 1 complete assembly)

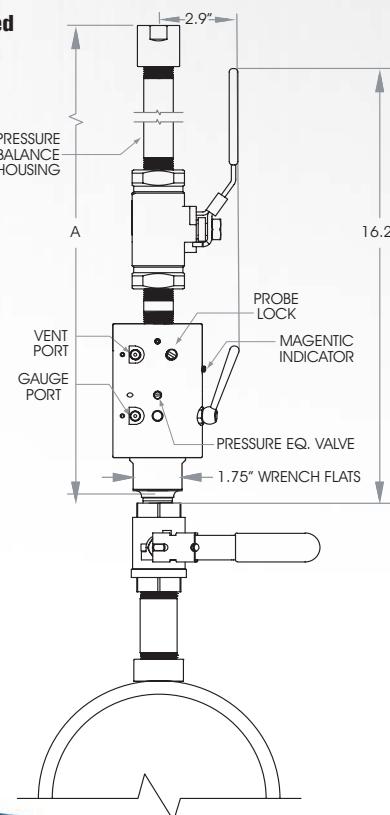


## Dimensions

### Inserted



### Extracted



Analytically Correct™ sample systems, sample conditioning components, and revolutionary gas and liquid sampling technology.



4, rue des Roses - 69280 SAINTE-CONSORCE - France  
Tel: +33 478 878 945 - [info@soclema.com](mailto:info@soclema.com) - [www.soclema.com](http://www.soclema.com)