



*The  
Sampling  
Connection*

## **ISOLOK<sup>®</sup> SERIES SAA AUTOMATIC SAMPLER**

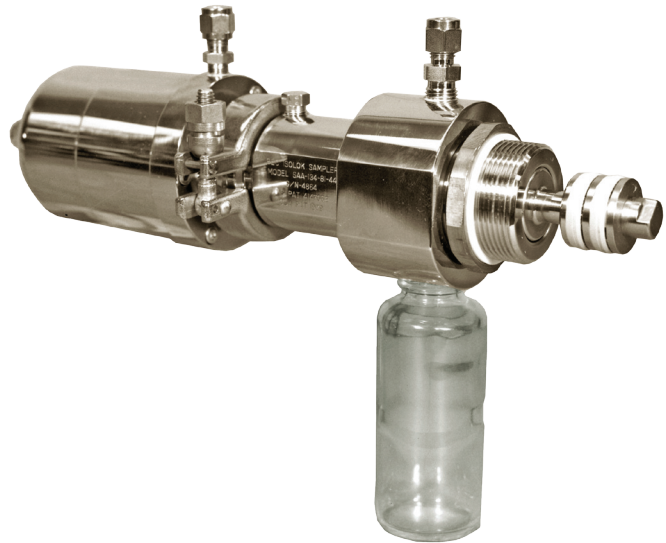
### ***Automatic Sampler for Liquids and Slurries***

#### ***Features***

- Two different models for sampling fixed volumes of 3 cc or 8 cc per sample cycle
- Can handle line pressures from vacuum up to 200 psi in most applications
- Rugged 316 stainless steel construction
- Batch or composite sampling

#### ***Options***

- Port closures
- Line adapters
- Several types of containers
- Sampler enclosures (with or without heater)
- Sample heating or refrigeration
- Optional materials of construction and seal choices



#### ***Description***

The *ISOLOK<sup>®</sup>* SAA provides accurate samples of liquids and slurries such as waste effluents, mining, food, and pharmaceuticals.

The *ISOLOK<sup>®</sup>* SAA operates when compressed air forces the plunger into the process line to capture a fixed volume of material. Compressed air then acts on the opposite side of the piston to retract the plunger to a position which allows the sample to drop into a container.

The operator is isolated from the process at all times by the sampler's seal design, and the sample captured in the container is "locked out" from external influences.

Metal parts are made of 316 stainless steel; other alloys are available. Process contact seals are filled-Teflon<sup>®</sup> for chemical applications or wear-resistant elastomers for abrasive slurries. Modular components allow selection of various bodies and plungers to meet the process application.

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