

BVS Samplers – The Best Automatic Samplers! BVS Samplers meet 100% of ASTM Standards.

- Continuous, Unattended, Composite Liquid Sampling
- Direct Sample Piping and Refrigeration System Maintains Sample Integrity
- Programmable Sample Size and Collection Frequency
- Versatile, indoor/outdoor installation near sample source or high traffic area
- Can safely gather samples from remote or explosive environments
- Easy-To-Install — Factory Assembled, Pre-Wired, and Pre-Piped
- Weatherproof, Corrosion-Resistant Cabinet and Components
- Tamper-Proof — Key Lock, Three-Point Security Latch on Cabinet Door
- Submersible Sampling Probe or Submersible Pump Furnished as Standard
- Fully Customizable to fit your specific needs or environment
- Unparalleled technical support
- Automatically Resets Timers after a Power Interruption



BVS has been the leader in automated liquid sampling for over 30 years!

**Accept no substitute!
BVS is the Best!**

Our clients say it best:

"Our Sampler works well with little or no maintenance. Requests for parts and materials are handled promptly and courteously."

– Anheuser-Busch, Inc.

"Over all quality and performance were outstanding. BVS lives up to their promise of prompt, reliable service."

– Washington Suburban Sanitary Commission

"Our BVS sampler has been operating on demand for over 10 years without a hitch. Their knowledgeable, prompt and courteous service is unmatched!"

– AFCO

"Our SPE-400 and PPER-400 consistently exceed our performance and accuracy expectations. The equipment's ease of operation and BVS's sound technical advise work well for us."

– Hershey Foods Corporation

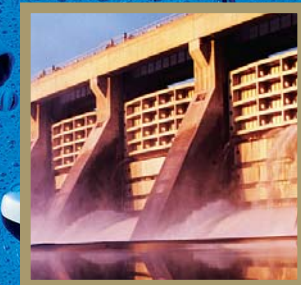


BVS, INC.

949 Poplar Road, PO Box 250, Honey Brook, PA 19344-0250
610.273.2841 Phone • 610.273.2843 Fax • Toll Free 877.877.4821
info@BVSSamplers.com • www.BVSSamplers.com

MADE IN USA

Automatic Liquid Samplers



The Most Maintenance-Free Automatic Samplers!



Engineered for continuous trouble-free operation. Built to last.

Maintenance-Free Automatic Liquid Sampling Station

The BVS, SPE-400 automatic liquid sampling station is a complete, factory built, turnkey system designed to take composite samples on an unattended basis. Its pneumatic – electric operation is equally effective in performing tasks from batch control to monitoring effluents.

The model SPE-400 is intended for permanent on-site installation anywhere liquid sampling is necessary. The cabinet is constructed of durable, 1/8 inch, reinforced,

SPE-400



NEMA IV

PPER-400



NEMA I

primed aluminum protected by an electrostatic powder coat. It provides a significant increase in the efficiency and cost effectiveness of continuous sampling by eliminating the time, labor and money attendant to manual collection. Its automatic sampling frequency can be based on a predetermined schedule by using the built-in rate timer or, alternatively, on proportional flow of the stream by using an external flow meter.

Are you spending too many man-hours on manual batch control?

Are you confident that you are being billed correctly and not overcharged?

Are you being surcharged for the wastewater that is discharged from your facility?

Do you know what type of sampling method is being used to arrive at your surcharge billing?

Are you using the wrong type of sampler and sampling method which can result in incorrect results and costly billings?

Features

- Panels installed without tools, using 1/4-turn fasteners.
- Can sample from pressurized lines.
- Higher initial velocity than peristaltic and vacuum type samplers.
- Standard lift exceeding 40' — customized lift to 80'.
- Maintenance-Free Design for long term, trouble-Free operation.
- All BVS Automatic samplers meet ASTM D3370-76, Page 29.1, Recommended methods for proper sampling.
- All BVS Automatic samplers carry a "Two Year Warranty" on parts and labor.
- Samplers are available as NEMA I, NEMA IV and NEMA XII. Other styles available to meet your individual specification or requirements.
- BVS samplers do not use suction as used by peristaltic or vacuum type samplers as this concept changes the solubility of the liquid by disturbing the gas/liquid balance. For this reason, suction type samplers should not be used when measurements to be made concern dissolved gases such as oxygen or carbon dioxide.
- U.S.A. Made in Honey Brook, Pennsylvania.
- Fully ventilated and heated cabinets with control thermostats.
- Free technical advice is always available.

Pumps Employing suction...

"Because pumps employing suction principles disturb the gas/liquid balance, use a submersible type pump for pumping samples from (liquids) whenever the measurements to be made concern dissolved gases..."

(ASTM, D3370-76, P. 29.1)




Proprietary sample probe allows accurate samples in a wide variety of environments.



TFE sample probe for reactive environments. Other customizations are available.

All BVS liquid samplers utilize the flooded-suction concept of operation. With the sampling probe or pump submerged in the liquid to be sampled, liquid enters the sampling device by gravity, thereby giving a true representative sample of the liquid at that particular strata. The use of peristaltic or vacuum pumps, the suction concept of operation, does not give a true representative sample of the liquid that is being sampled. The use of suction changes the solubility of the sample by changing the gas/liquid balance. This change in solubility makes it impossible to get accurate measurements of dissolved gases.

We look forward to adding your name to our long list of satisfied customers.

 You receive a **Two-Year Warranty** on every BVS sampler and our promise to be there when you need technical advice or assistance. Spare parts are only a phone call away, as we stock over three-hundred thousand dollars in spare and replacement parts. Our reputation is the finest in the industry and our customers are the biggest and the best in the U.S.A.