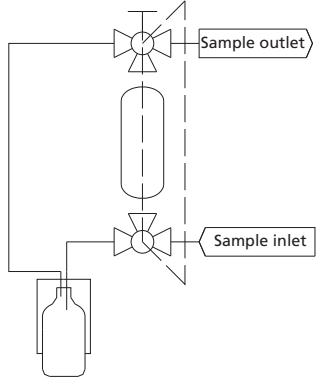


BLD4 - Sampling by Gravity Type

Features

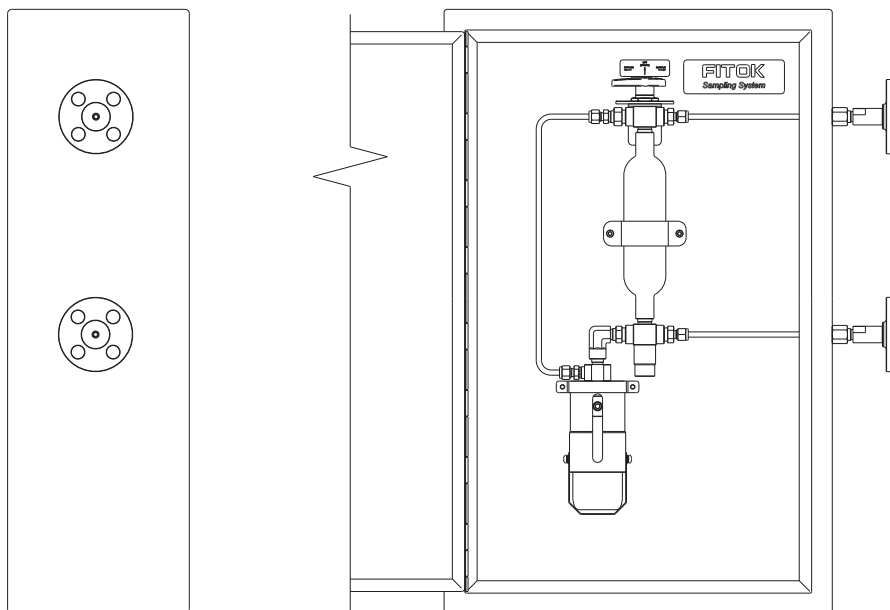
- ⦿ Sampling from medium or high pressure devices or process lines
- ⦿ Fixed volume sampling
- ⦿ System purge
- ⦿ Sampling by gravity without Nitrogen purge
- ⦿ Easy operation with a single handle by linkage valve

Basic Configuration

Wetted Material	316 SS	
Sleeve Assembly	250 ml sleeve with bottle retaining clip	
Needle Assembly	Process/vent needle ID: 1.4 mm (0.06")	
Sampling Valve	BF Series 3-way ball valves (rod linkage): PTFE seat and FKM O-ring Max. working pressure: 1500 psig @ 70°F (103 bar @ 20°C) Temperature range: 0°F to 450°F (-18°C to 232°C)	
Connections	1/4" tube fitting	
Others	Sample chamber (200 ml)	

Note: Products of other specifications are available upon request.

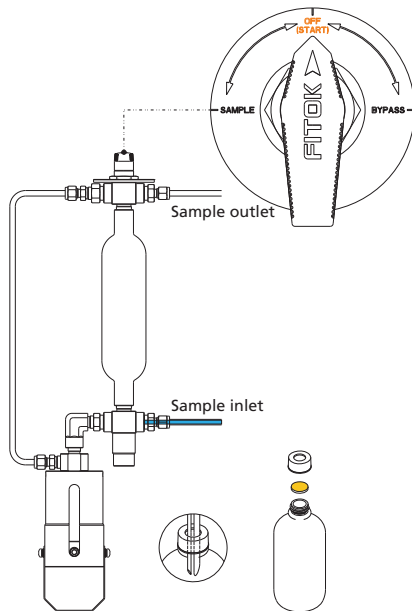
Typical Installation Mode



Operation

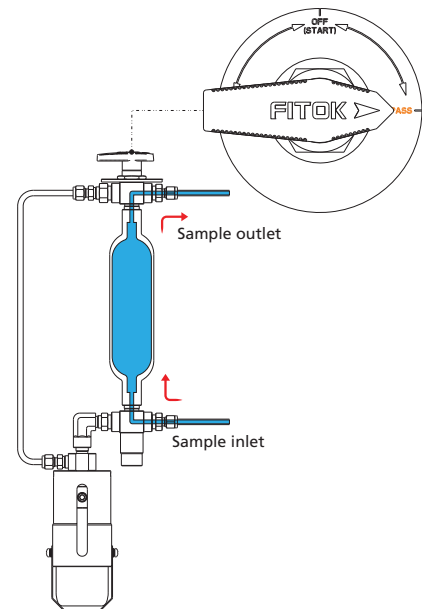
1 - Preparation

Place a new septum on the sample bottle. Insert the bottle with cap and septum into the sleeve until the septum is pierced by the needles. Swing down the bottle retaining clip.



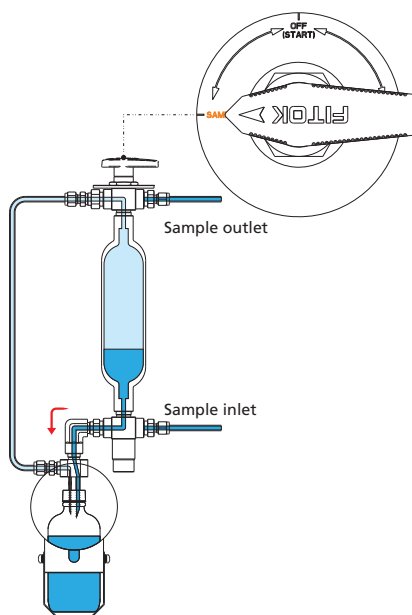
2 - System Purge

Turn the handle to the "BYPASS" position, allowing the sample to flow continuously through the sample chamber. Hold for a period of time to ensure representative sampling.



3 - Sampling

Turn the handle to the "SAMPLE" position, allowing the sample to flow into the bottle by gravity. Hold this position for a sufficient time. The amount of sample depends on the sample chamber volume.



4 - Off

Turn the handle to the "OFF" position to close the sampling system. Remove the bottle retaining clip and take out the bottle from the sleeve. The septum reseals automatically to complete the sampling process.

