

BLA7 - In-line and Needle Purge Type

Features

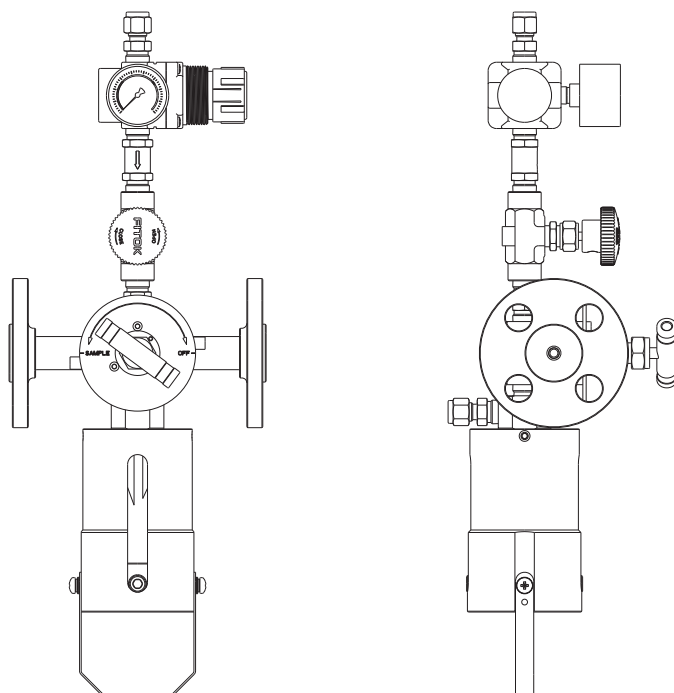
- ⦿ Sampling from low pressure devices or process lines: 0-145 psig (0-10 bar)
- ⦿ In-line sampling valve to save sampling time
- ⦿ Needle purge

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	In-line valve: PTFE packing Max. working pressure: 3000 psig @ 70°F (206 bar @ 20°C) Temperature range: -4°F to 446°F (-20°C to 230°C)	
Nitrogen Branch	Nitrogen regulator	
	CV Series check valves, NB Series needle valves	
Connections	Pressure gauge	
	Process: 1/4" FNPT Purge/vent: 1/4" tube fitting	

Note: Products of other specifications are available upon request.

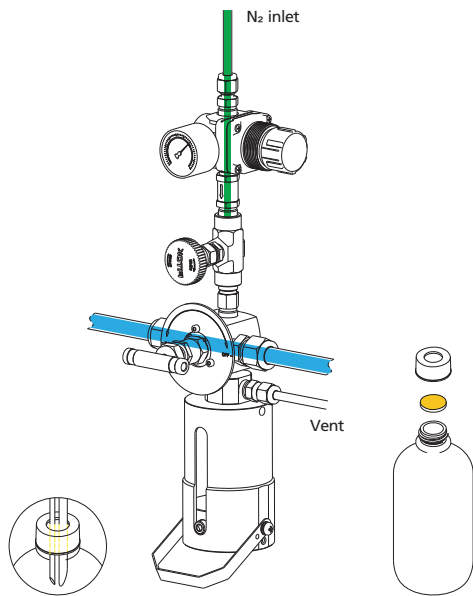
Typical Installation Mode



Operation

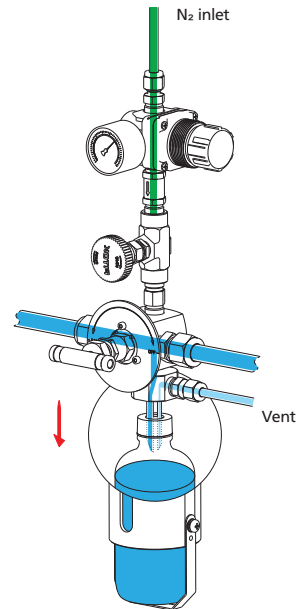
1 - Preparation

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.



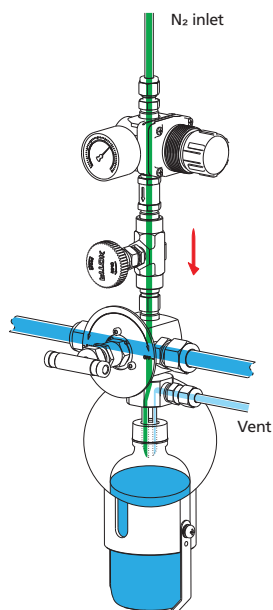
2 - Sampling

Turn the handle counterclockwise to open the sampling valve, allowing the sample to flow into the bottle. When the required amount has been taken, turn the handle clockwise to close the sampling valve.



3 - Needle Purge

Open the valve on the Nitrogen branch, allowing Nitrogen to force the residual sample from the needle assembly and the valve into the bottle. Hold this position for a sufficient time.



4 - Off

Close the valve on the Nitrogen branch. Remove the bottle retaining clip and take out the bottle from the sleeve. The septum reseals automatically to complete the sampling process.

