

# BLA6 - System Purge and Continuous Needle Purge Type

## Features

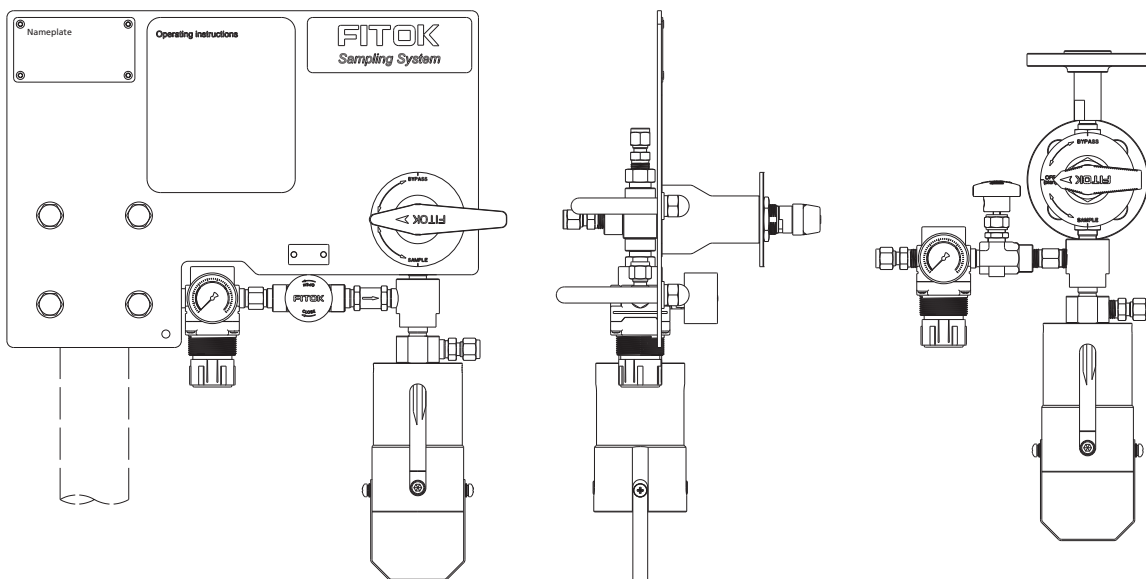
- Sampling from low pressure devices or process lines: 0-145 psig (0-10 bar)
- System purge and continuous needle purge

## Basic Configuration

<b>Wetted Material</b>	316 SS	
<b>Sleeve Assembly</b>	250 ml sleeve with bottle retaining clip	
<b>Needle Assembly</b>	Process/vent needle ID: 1.4 mm (0.06")	
<b>Sampling Valve</b>	BF Series 3-way ball valves: 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)	
<b>Nitrogen Branch</b>	Nitrogen regulator	
	CV Series check valves, NB Series needle valves	
	Pressure gauge	
<b>Connections</b>	1/4" tube fitting	

Note: Products of other specifications are available upon request.

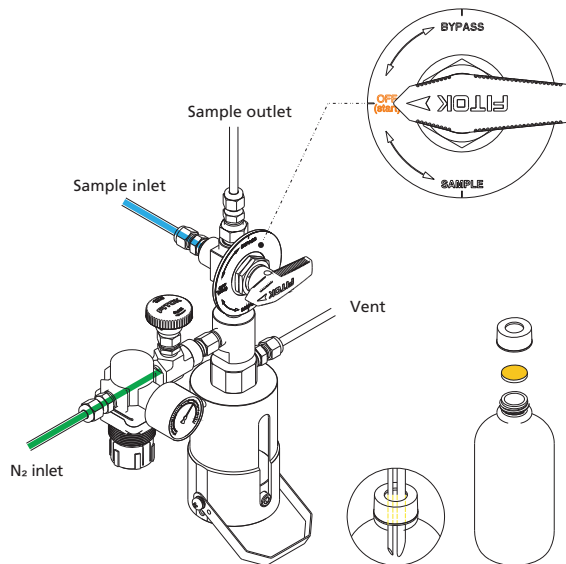
## Typical Installation Mode



## Operation

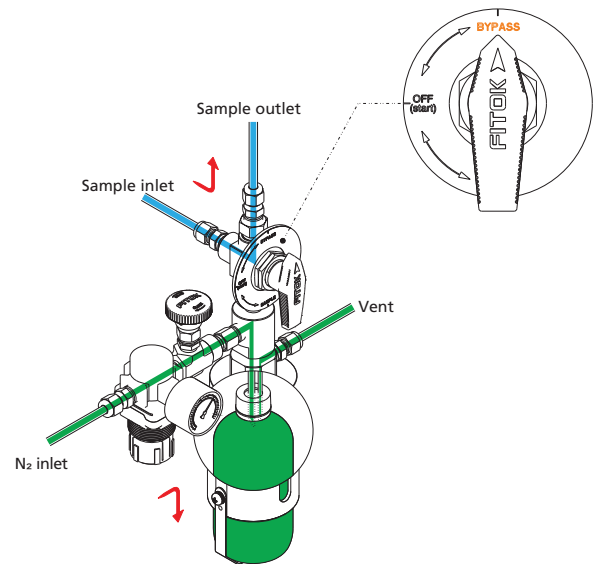
### 1 - Preparation

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.



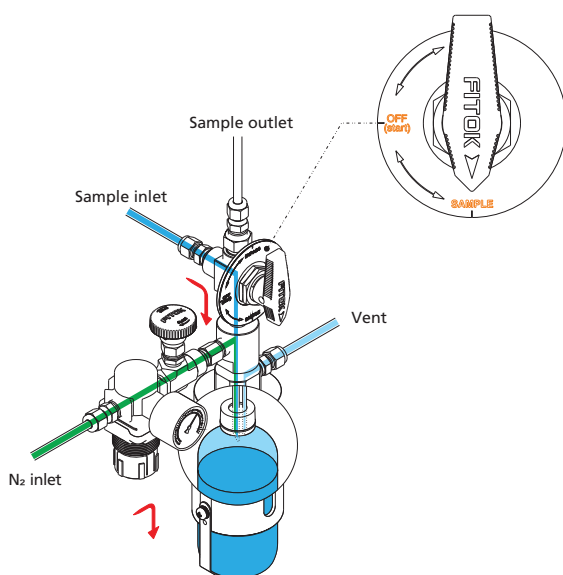
### 2 - Continuous Needle Purge and System Purge

Open the needle valve to purge the needle assembly and the bottle continuously with Nitrogen. Turn the handle to the "BYPASS" position, allowing the sample to flow continuously through the system and purge the system to ensure representative sampling.



### 3 - Sampling

Turn the handle to the "SAMPLE" position, allowing the sample to flow into the bottle. When the required amount has been taken, turn the handle to the "OFF" position to close the sampling system.



### 4 - Off

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

