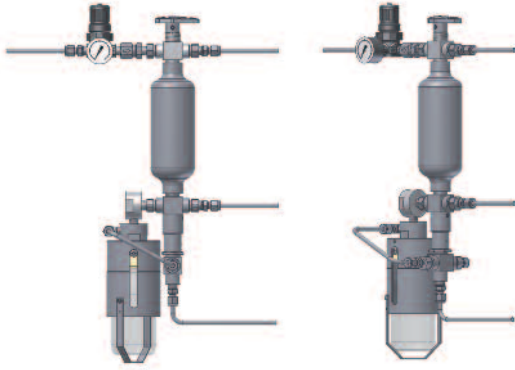


## DOPAK® Process Sampler Type S23

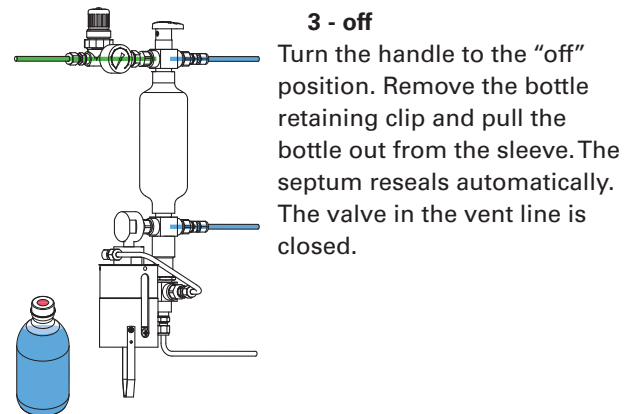
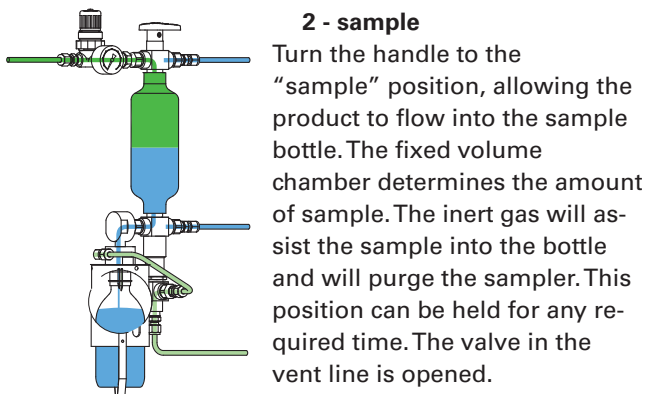
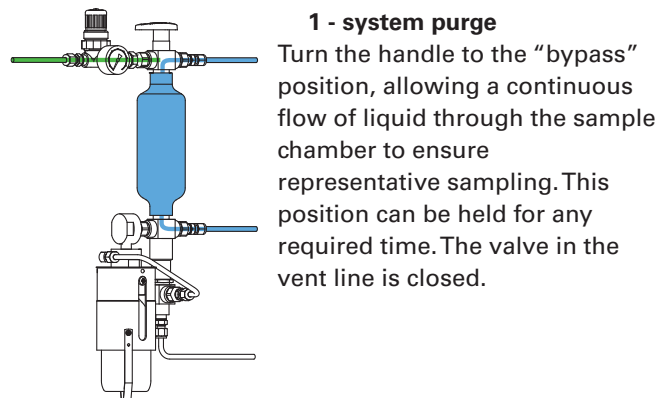
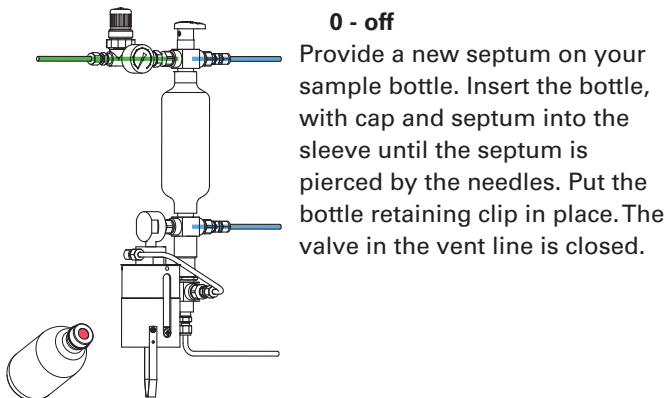
third coupled valve configuration (D4)



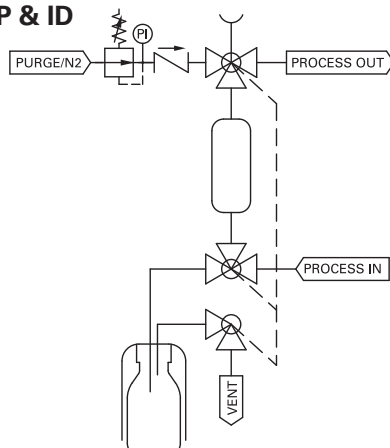
The ability to purge the sample point ensures optimal retrieval of a representative, contamination free sample. The S23 type sampler with third coupled valve configuration provides a system purge and positive vent line shut off in addition to a fixed sample volume.

The unique design offers a one-handle operation by multiple valves, allowing for sampling independent of the process conditions. These features provide sample accuracy and safety.

### 1 OPERATION/FUNCTION



### 2 TYPICAL P & ID



Third coupled valve/vent shut off (D4)



### 3 FEATURES/ADVANTAGES/PROPERTIES

- Sampling independent of process conditions
- High pressure and vacuum applications
- Representative sampling
- Zero dead volume
- Closed sampling
- One handle operation
- Fixed volume sampling
- Purging of sampler
- Positive vent line shut off

### 4 BASIC SPECIFICATIONS

<b>Material</b>	SS316, SS316L.
<b>Sleeve type</b>	60cc sleeve with bottle retaining clip.
<b>Needle assembly</b>	Single piece VTO needle assembly with vent to outlet connection 1/4" FNPT. Process/vent needle ID: 1.35 mm.
<b>Sample chamber</b>	50cc.
<b>Valve</b>	Three-way ball valve type W83. PTFE seats, Viton A O-rings. Pressure range 103 bar @ 20°C (1500 psig @ 70°F). Temperature range -17/+232°C (0/+450°F).
<b>Operation</b>	Manual.
<b>Connections</b>	1/4" FNPT, regulator, gauge and check valve included.
<b>Please note:</b>	the above is a basic specification only. DOPAK® Samplers can be offered with a wide variety of options as mentioned below.



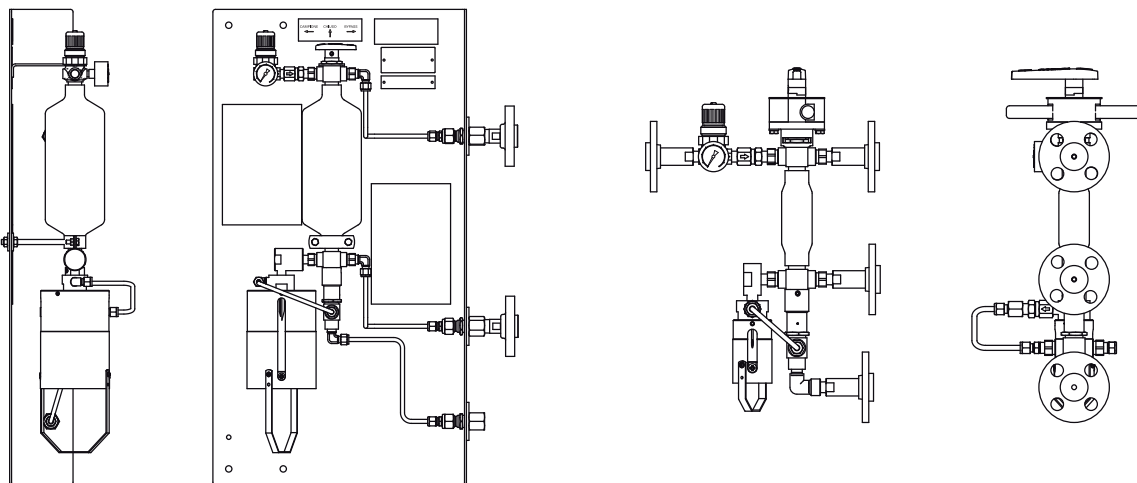
### 5 OPTIONS

- Spring return handle
- Lockable handle
- Mounting plate
- Pipe stand
- Block valve
- Flow meter
- Enclosure
- Steam jacket
- Sample cooler
- Mounting bracket
- Steam sterilising cap
- Welded connections
- Exotic materials
- Larger/smaller sample size
- Continuous needle purge

For more information please refer to our sheets:

**Options for DOPAK® process samplers, sampling into a bottle.**

**Components for DOPAK® process samplers.**



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