Cylinder Configuration Sampling System

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Cylinder Configuration Sampling System

Liquefied Gas Sampling

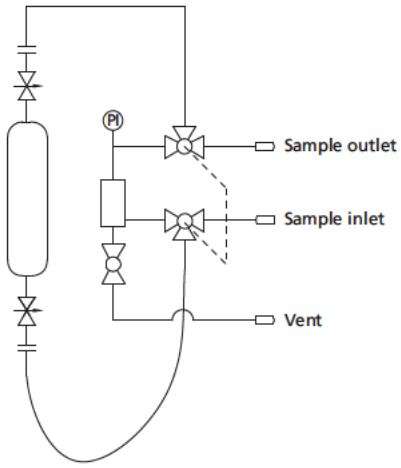
CSF1-Expansion Chamber Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Sample circularion
- Equipped with pressure relief system, safer for sampling
- Linkage ball valve design, easy operation

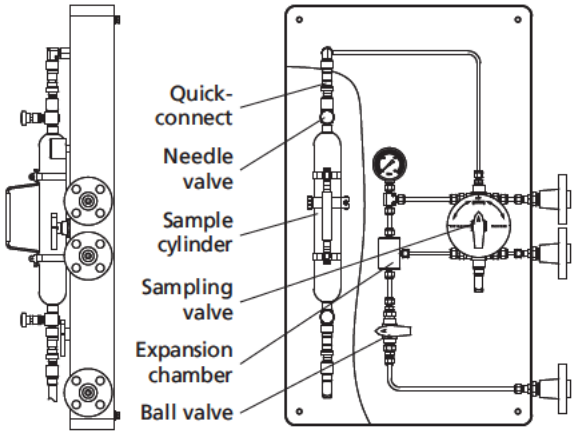
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Expansion Chamber	45 ml (with pressure gauge), spread gas medium from the cylinder to the expansion chamber
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Vent Branch	Ball valve
Operation	Manual
Connections	NPS 1/2 flange

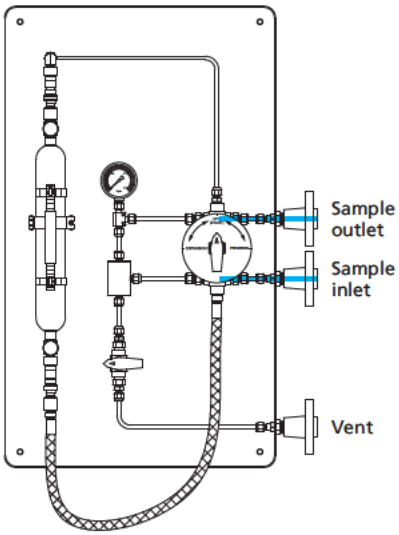


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

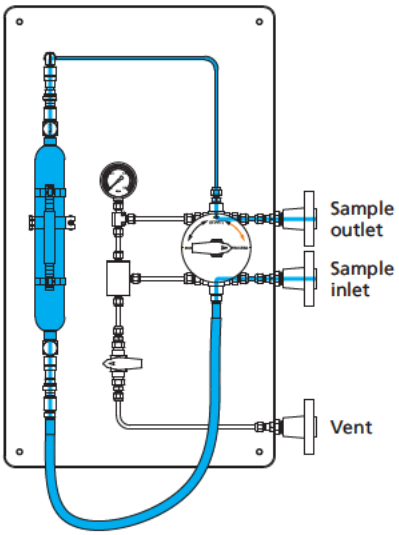


Operations



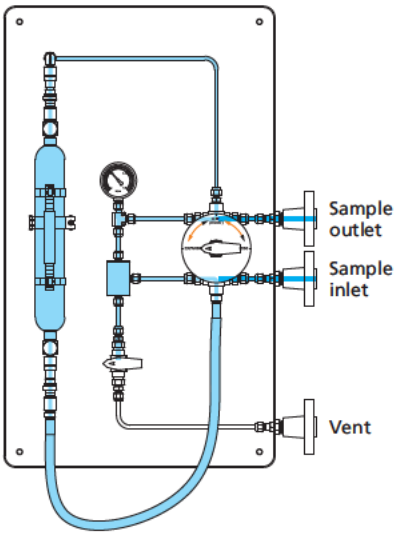
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the needle valves at both end of the sample cylinder.



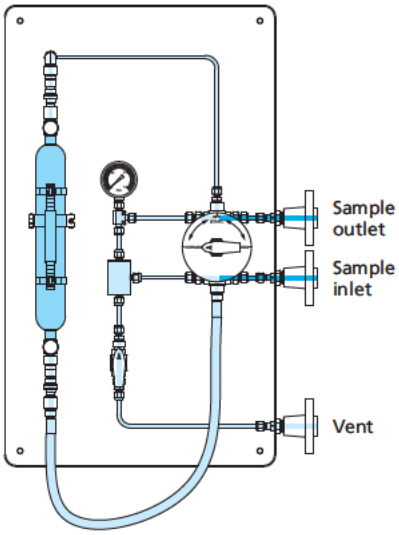
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder, persist for a certain period of time to ensure representat-l've sample.



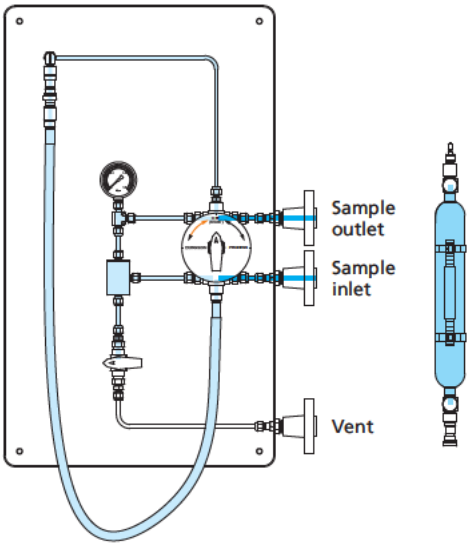
3-expansion

Turn the handle of the sampling valve to "EXPANSION" position to connect the sample cylinder and the expansion chamber, persist for a certain period of time to make sure the sample flow into the expansion chamber.



4-vent

Turn off the needle valves at both ends of the sample cylinder, turn on the ball valve below the expansion chamber, the sample in the expansion chamber and the system is being vented to the vent line, then turn off the ball valve.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

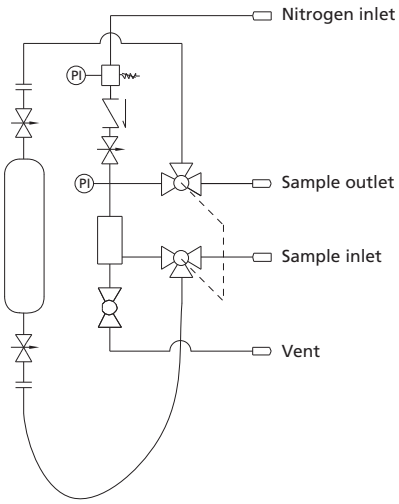
CSF2-Expansion Chamber Purge Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Sample circulation and expansion chamber purge
- Equipped with pressure relief system, safer for sampling
- Linkage ball valve design, easy operation

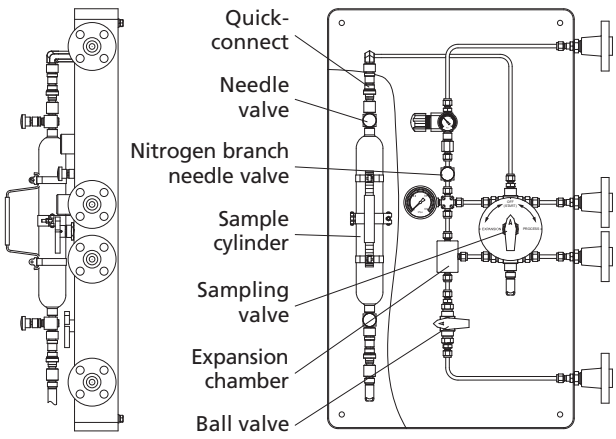
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O -ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Nitrogen branch	Including pressure regulating valve, check valve and pressure gauge and needle valve
	Max working pressure of pressure regulating valve: 300 psig (20.7 bar)
	Pressure regulating range: 10 psig to 100 psig (0.7 bar to 7 bar)
	CV4 series check valve, NV7 series needle valve
Expansion Chamber	45 ml (with pressure gauge), spread gas medium from the cylinder to the expansion chamber
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Vent Branch	Ball valve
Operation	Manual
Connections	NPS 1/2 flange

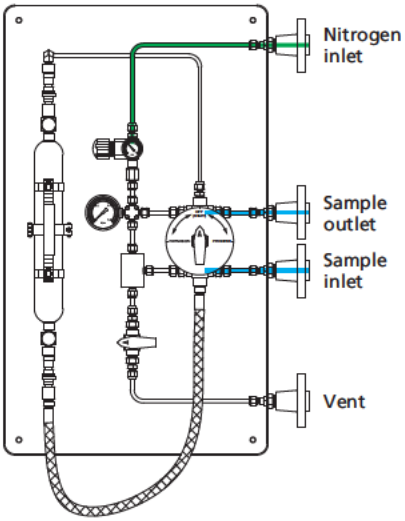


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

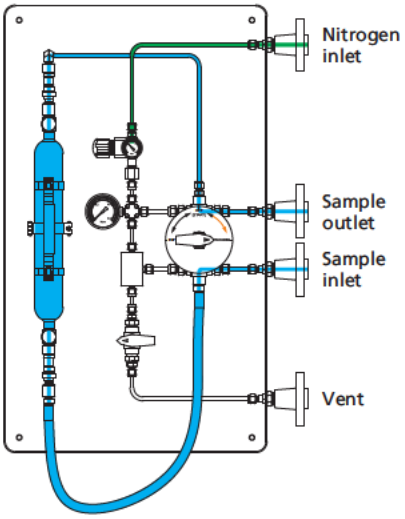


Operations



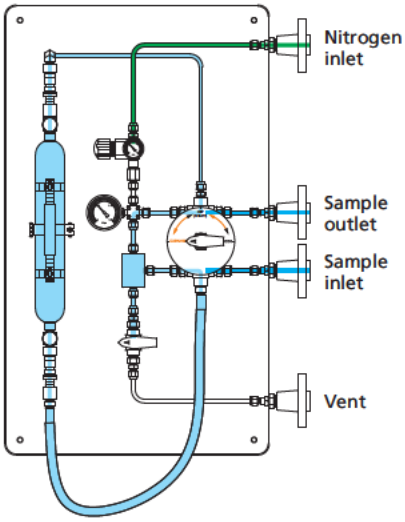
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the needle valves at both end of the sample cylinder.



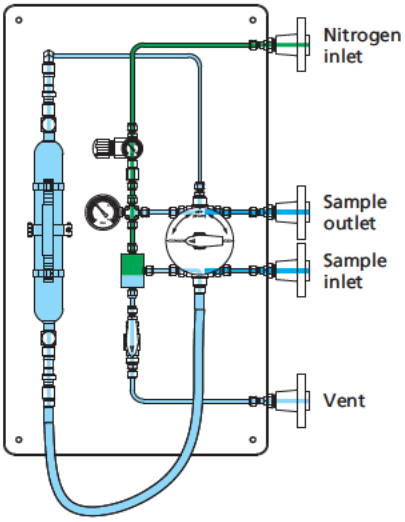
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder, persist for a certain period of time to ensure representative sample.



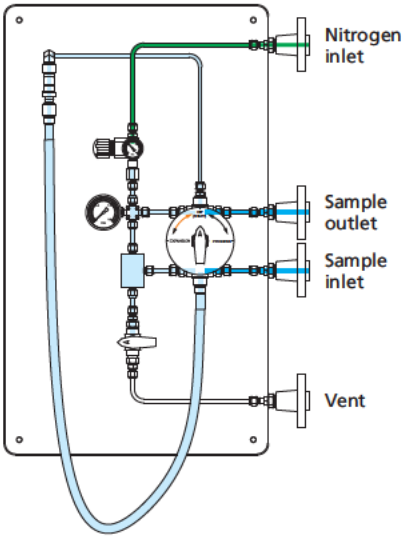
3-expansion

Turn the handle of the sampling valve to "EXPANSION" position to connect the sample cylinder and the expansion chamber, persist for a certain period of time to make sure the sample flow into the expansion chamber.



4-purge

Turn off the needle valves at both ends of the sample cylinder, open the ball valve and the nitrogen branch needle valve, allowing nitrogen gas to purge the expansion room, turn off the ball valve and the nitrogen branch needle valve after purging.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

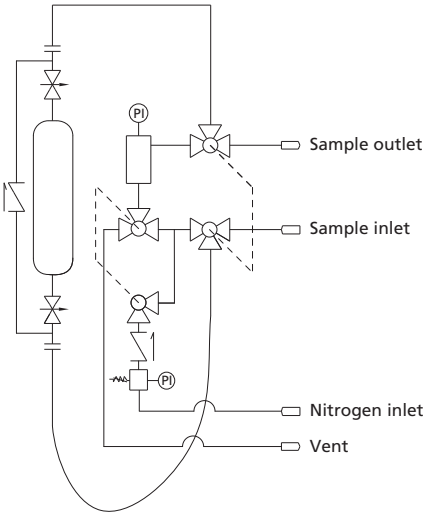
CSF3-Expansion Chamber, Bypass and System Purge Configuration

Features

- ❖ Sampling directly from process or system
- ❖ Pressure range: 0 to 1450 psig (0 to 100 bar)
- ❖ Closed sampling
- ❖ Representative sample
- ❖ Sample circulation and system purge
- ❖ Equipped with pressure relief system, safer for sampling
- ❖ Linkage ball valve design, easy operation

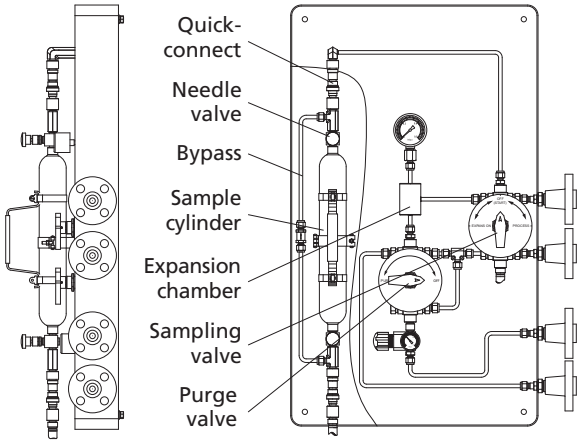
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
	CV1 series check valve
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Nitrogen branch	Including pressure regulating valve, check valve and pressure gauge
	Max working pressure of pressure regulating valve: 300 psig (20.7 bar)
	Pressure regulating range: 10 psig to 100 psig (0.7 bar to 7 bar)
	CV4 series check valve
Expansion Chamber	45 ml (with pressure gauge), spread gas medium from the cylinder to the expansion chamber
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Other	BV7 Series linkage ball valve (Gearbox linkage)
Operation	Manual
Connections	NPS 1/2 flange

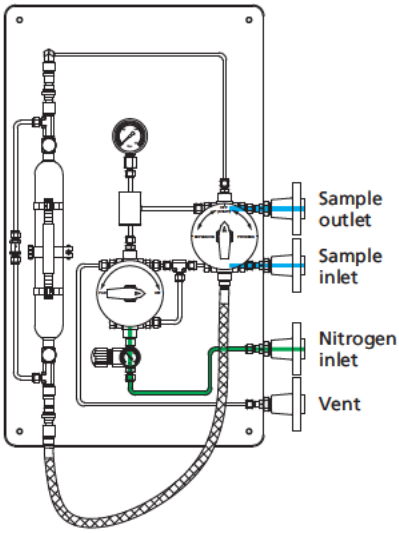


Accessories and Options

- ❖ Lockable handle
- ❖ Mounting plate
- ❖ Protective enclosure
- ❖ Vent outlet carbon absorption
- ❖ Mounting bracket
- ❖ Diverse connection types and sizes
- ❖ Various materials

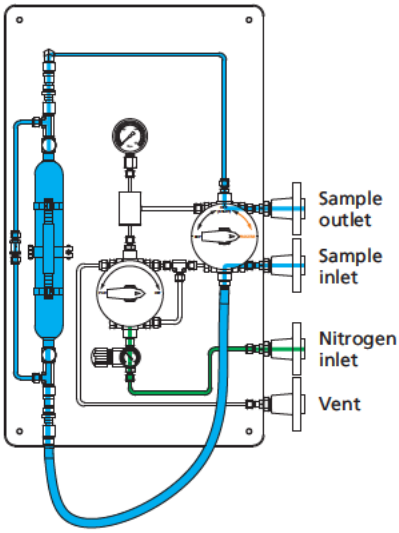


Operations



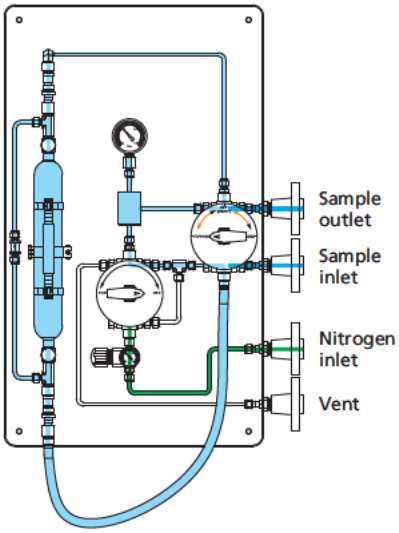
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the needle valves at both end of the sample cylinder.



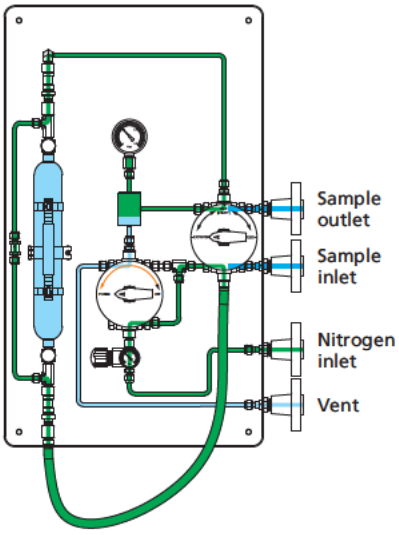
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder, persist for a certain period of time to ensure representative sample.



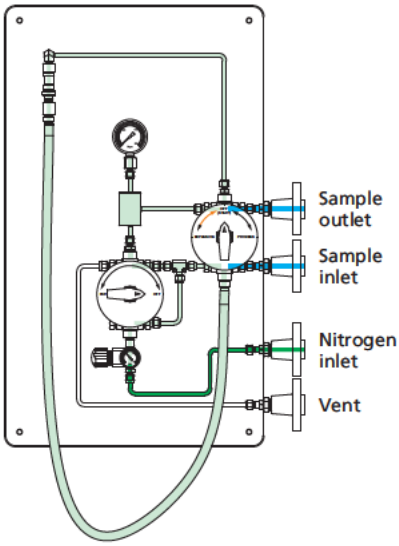
3-expansion

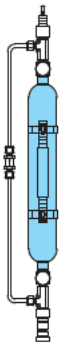
Turn the handle of the sampling valve to "EXPANSION" position to connect the sample cylinder and the expansion chamber, persist for a certain period of time to make sure the sample flow into the expansion chamber.



4-purge

Turn off the needle valves at both ends of the sample cylinder, turn the purge valve handle to "PURGE" position, allowing nitrogen gas to flow through the quick connectors and bypass line to purge the expansion chamber and the system, turn the purge valve handle to "OFF" position after purging.





5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

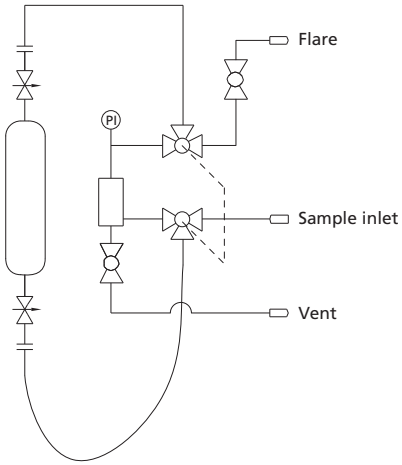
CSF4-Expansion Chamber and Outlet to Flare Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Applicable for sampling from process or system without process out connection
- Equipped with pressure relief system, safer for sampling
- Linkage ball valve design, easy operation

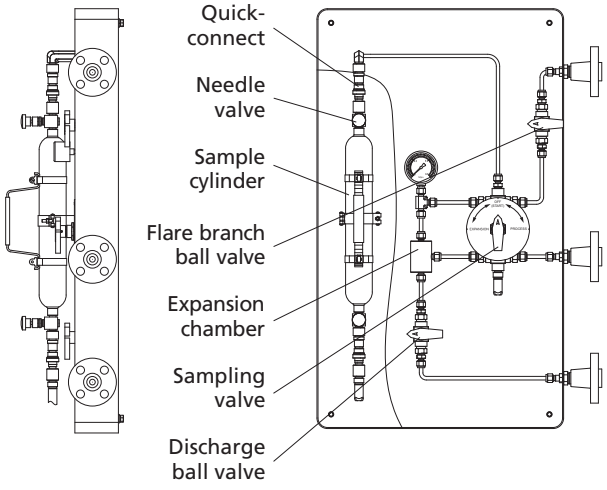
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Expansion Chamber	45 ml (with pressure gauge), spread gas medium from the cylinder to the expansion chamber
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Flare Branch	Ball valve
Vent Branch	Ball valve
Operation	Manual
Connections	NPS 1/2 flange

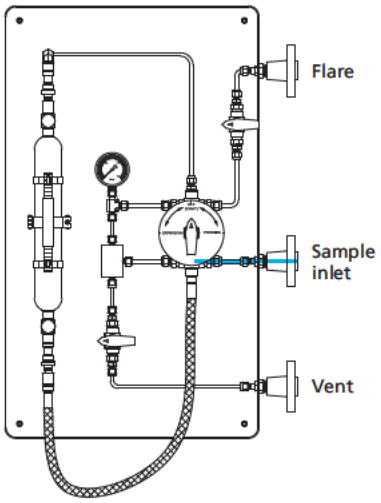


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

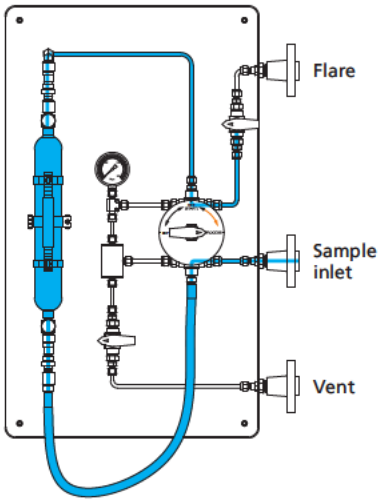


Operations



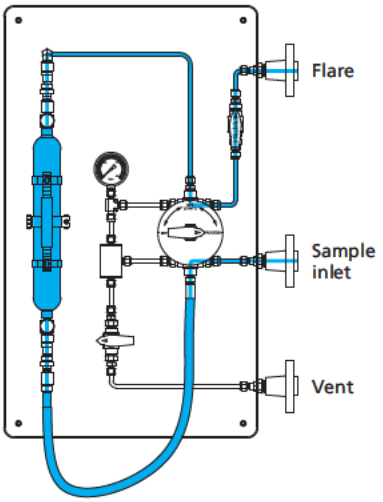
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



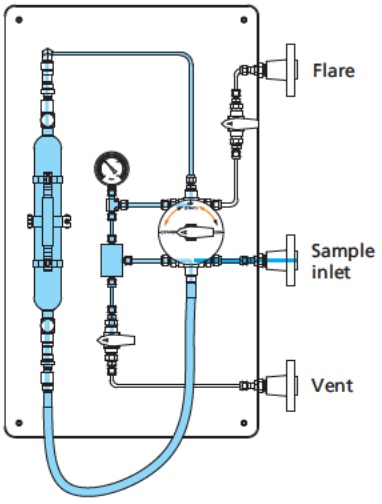
2-pre-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder.



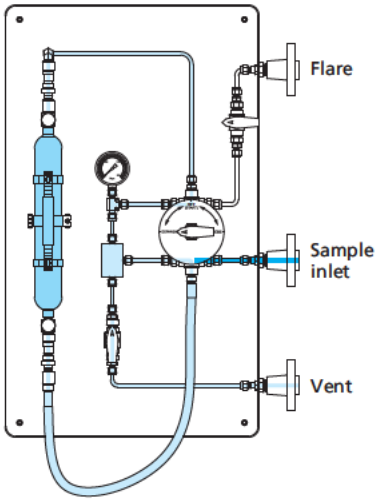
3-sampling

Open the flare branch ball valve, allowing sample to flow thought the sample cylinder, persist for a certain period of time to ensure representative sample.



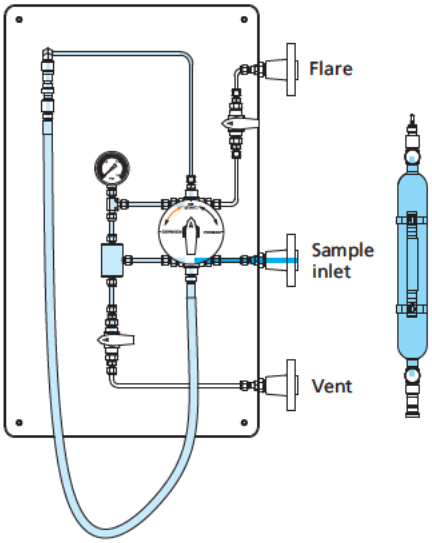
4-expansion

Turn off the flare branch ball valve, turn the sampling valve handle to "EXPANSION" position to connect the sample cylinder and the expansion chamber, persist for a certain period of time to make sure the sample flow into the expansion chamber.



5-vent

Turn off the needle valves at both ends of the sample cylinder, turn on the discharge ball valve below the expansion chamber, the sample in the expansion chamber and the system is being vented to the vent line, then turn off the discharge ball valve.



6-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

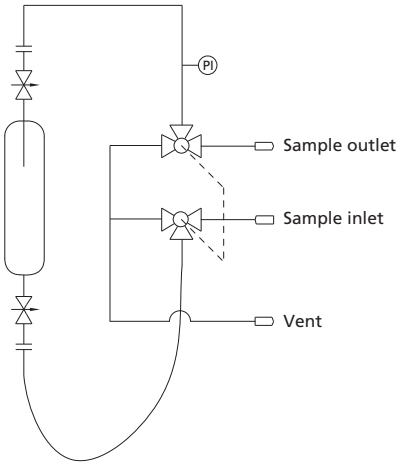
CSF5-Outage Tube Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Sample circulation
- Outage tube within cylinder keep the cylinder safe
- Linkage ball valve design, easy operation

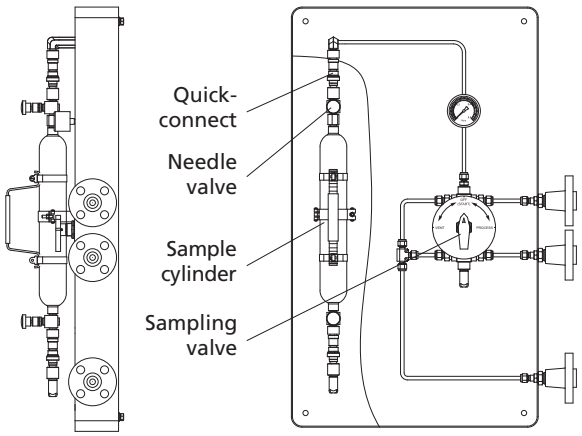
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Outage tube	Limited to 85% liquid filling of sample cylinder
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Operation	Manual
Connections	NPS 1/2 flange

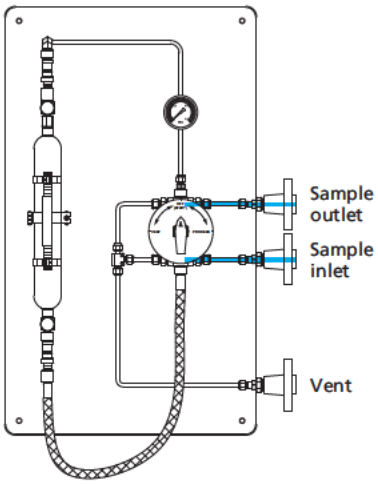


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

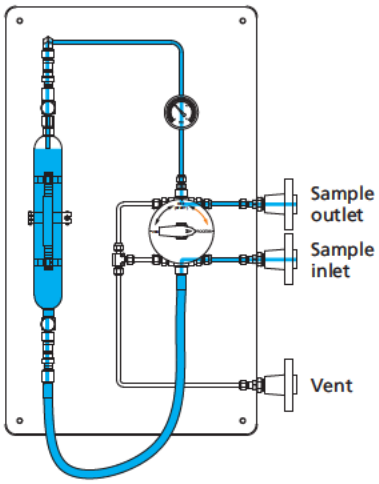


Operations



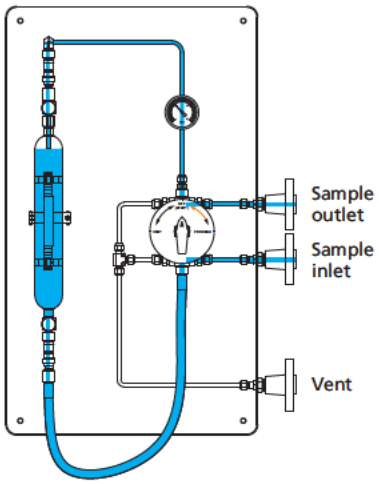
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



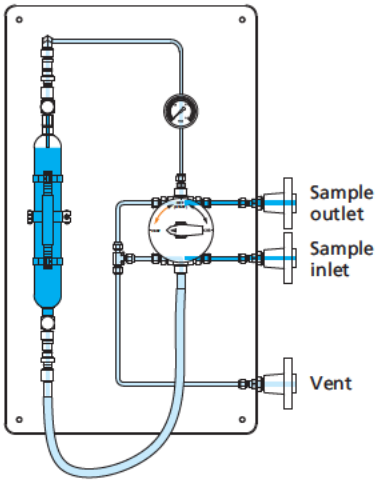
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the cylinder, the outage tube ensures a predefined sampling volume, persist for a certain period of time to ensure representative sample.



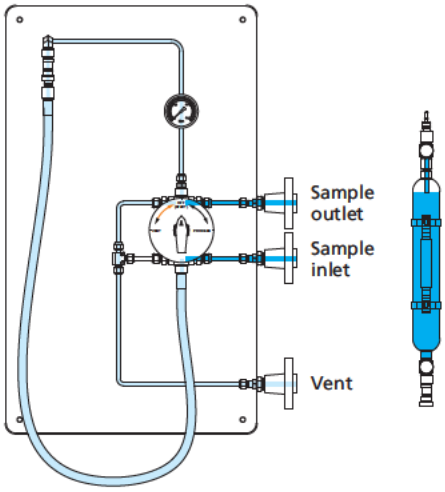
3-off

Turn the sampling valve handle to "OFF" position, turn off the needle valves at both ends of the sample cylinder.



4-vent

Turn the sampling valve handle to "VENT" position to connect the sampling system to vent system, discharge the sampling system pressure.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

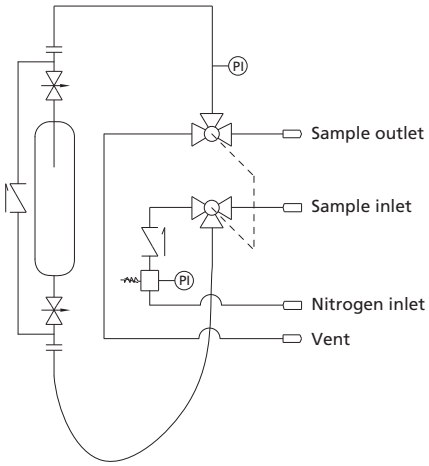
CSF6-Outage Tube, Bypass and System Purge Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Sample circulation and system purge
- Outage tube within cylinder keep the cylinder safe
- Linkage ball valve design, easy operation

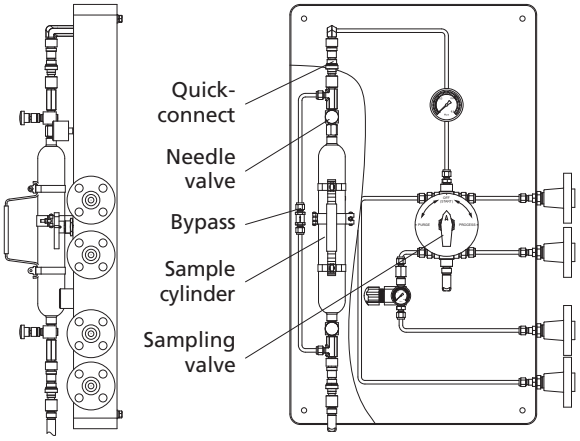
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
	CV1 series check valve
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Nitrogen branch	Including pressure regulating valve, check valve and pressure gauge
	Max working pressure of pressure regulating valve: 300 psig (20.7 bar)
	Pressure regulating range: 10 psig to 100 psig (0.7 bar to 7 bar)
	CV4 series check valve
Outage tube	Limited to 85% liquid filling of sample cylinder
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Operation	Manual
Connections	NPS 1/2 flange

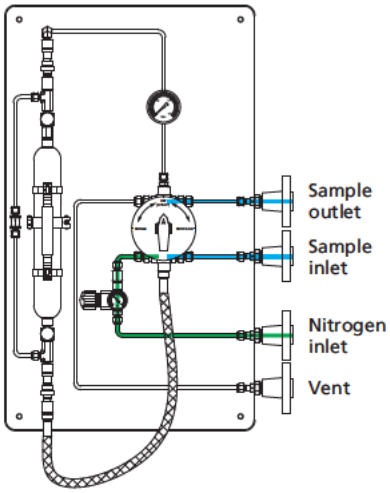


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

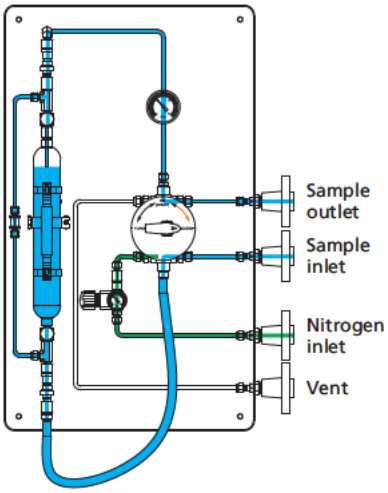


Operations



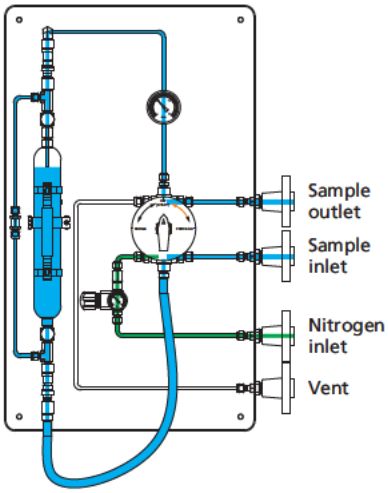
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



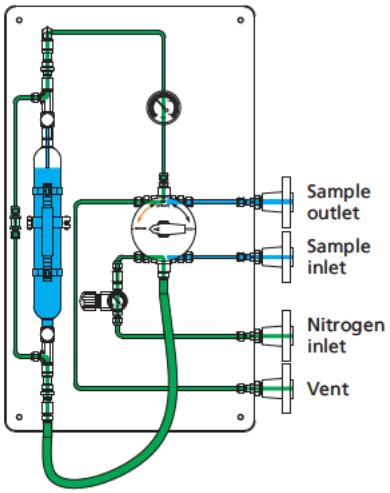
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the cylinder, the outage tube ensures a predefined sampling volume, persist for a certain period of time to ensure representative sample.



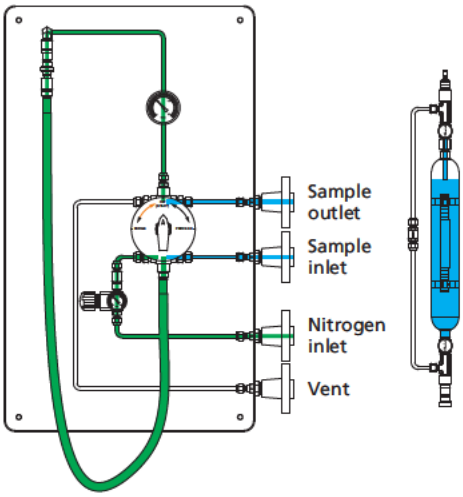
3-off

Turn the sampling valve handle to "OFF" position, turn off the needle valves at both ends of the sample cylinder.



4-purge

Turn the sampling valve handle to "PURGE" position, allowing nitrogen gas to flow through the quick connectors and bypass line to purge the system.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

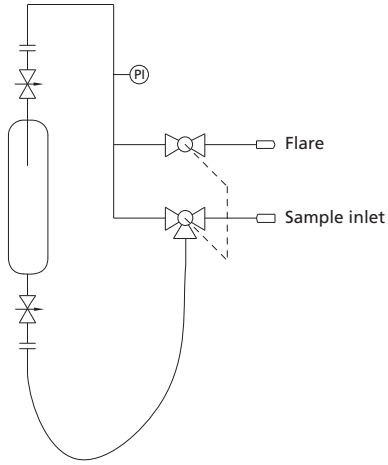
CSF7-Outage Tube and Outlet to Flare Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Applicable for sampling from process or system without process out connection
- Outage tube within cylinder keep the cylinder safe
- Linkage ball valve design, easy operation

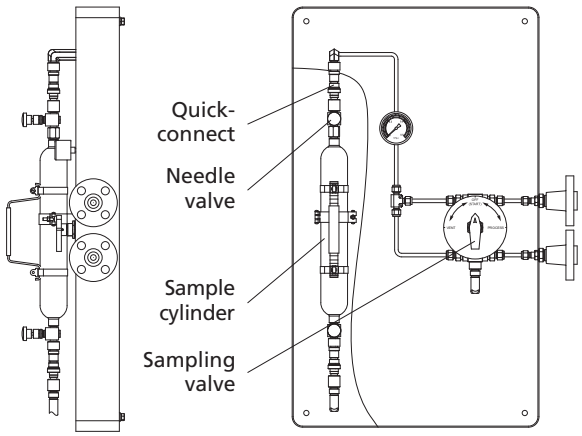
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O -ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Outage tube	Limited to 85% liquid filling of sample cylinder
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Operation	Manual
Connections	NPS 1/2 flange

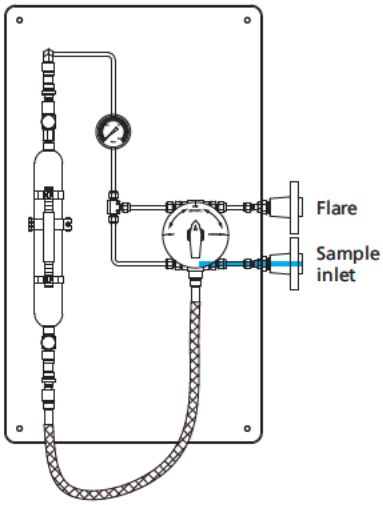


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

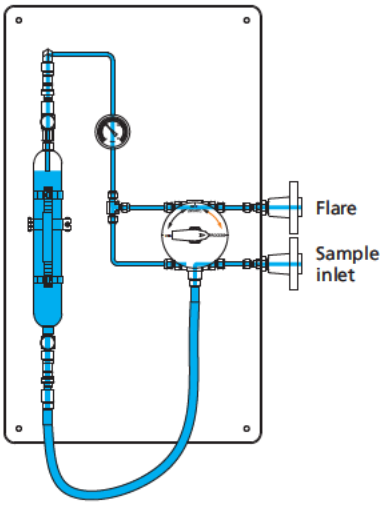


Operations



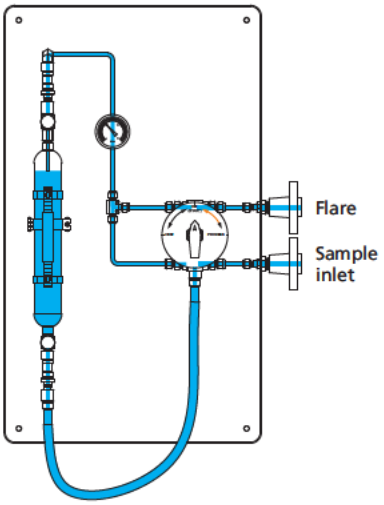
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



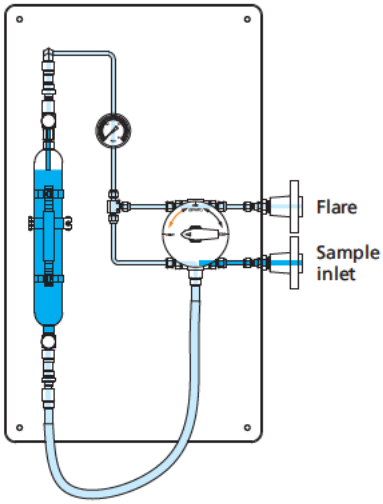
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the cylinder, the outage tube ensures a predefined sampling volume, persist for a certain period of time to ensure representative sample.



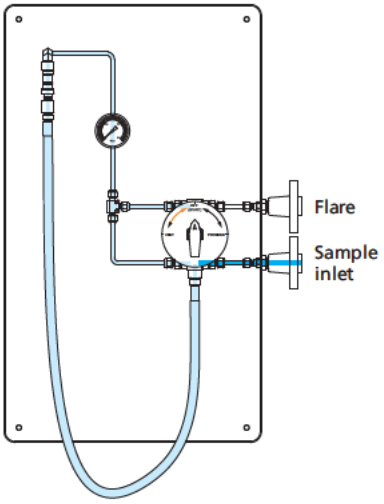
3-off

Turn the sampling valve handle to "OFF" position, turn off the needle valves at both ends of the sample cylinder.



4-vent

Turn the sampling valve handle to "VENT" position to connect the sampling system to flare system, discharge the sampling system pressure.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

Gas Sampling

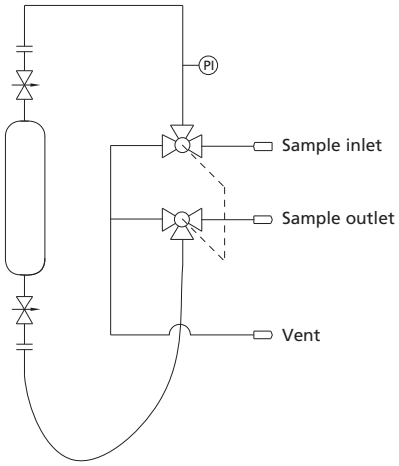
CGFS1-Circulation Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Sample circulation
- Representative sample
- Linkage ball valve design, easy operation

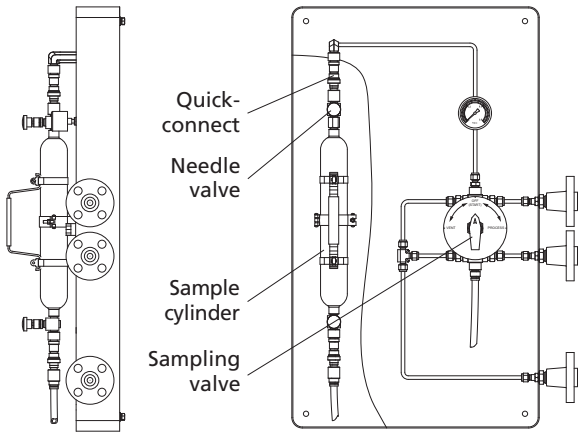
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Operation	Manual
Connections	NPS 1/2 flange

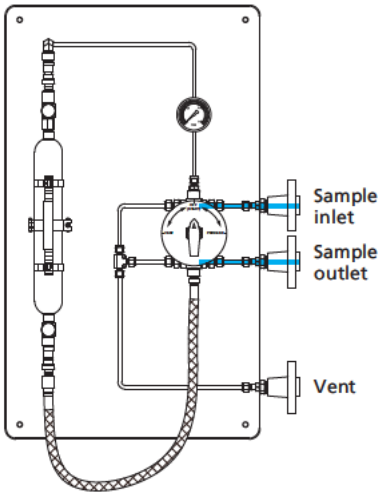


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

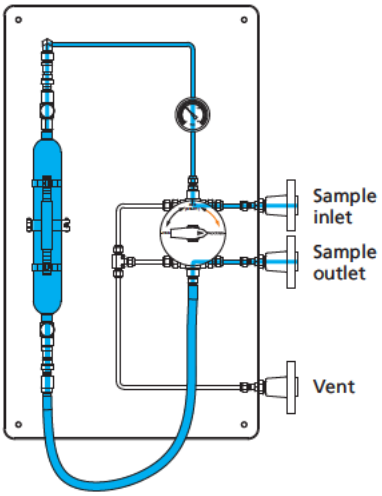


Operations



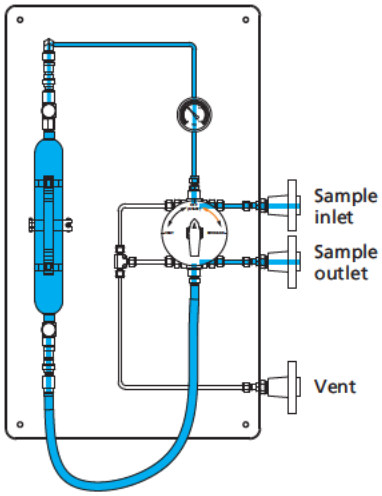
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



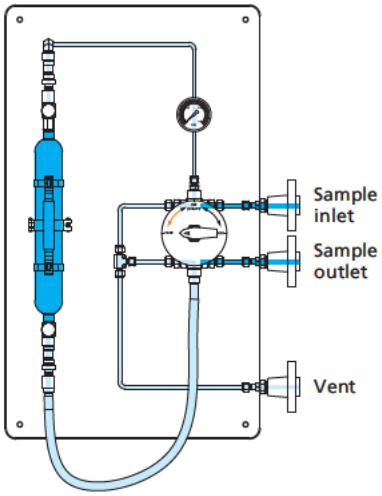
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder, persist for a certain period of time to ensure representative sample.



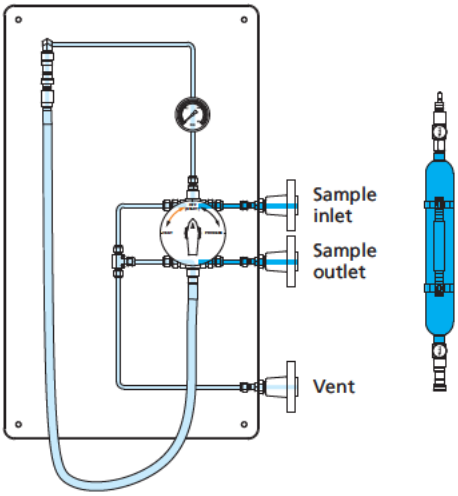
3-off

Turn the sampling valve handle to "OFF" position, turn off the needle valves at both ends of the sample cylinder.



4-vent

Turn the sampling valve handle to "VENT" position to connect the sampling system to vent system, discharge the sampling system pressure.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

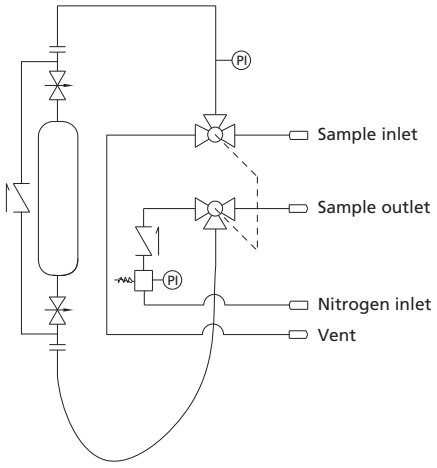
CGFS2-Bypass and System Purge Configuration

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Sample circulation and system purge
- Linkage ball valve design, easy operation

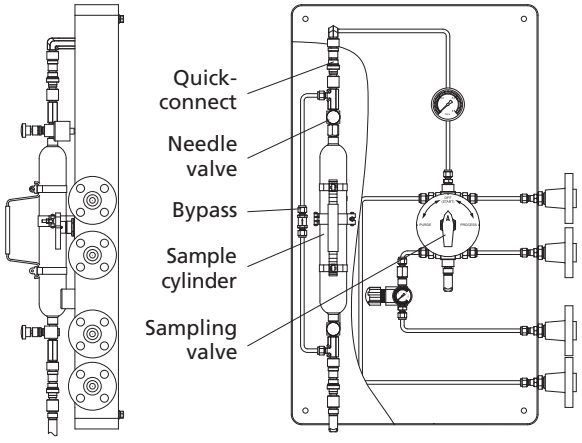
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
	CV1 series check valve
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Nitrogen branch	Including pressure regulating valve, check valve and pressure gauge
	Max working pressure of pressure regulating valve: 300 psig (20.7 bar)
	Pressure regulating range: 10 psig to 100 psig (0.7 bar to 7 bar)
	CV4 series check valve
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Operation	Manual
Connections	NPS 1/2 flange

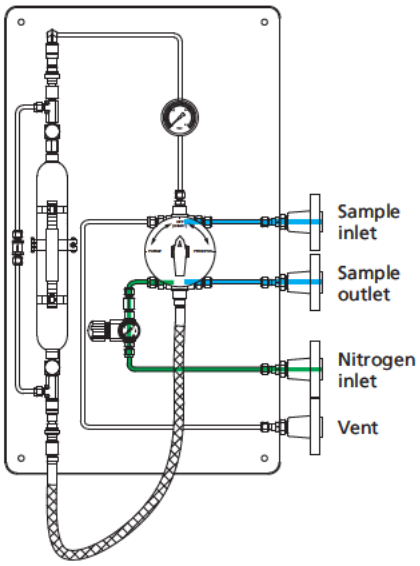


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

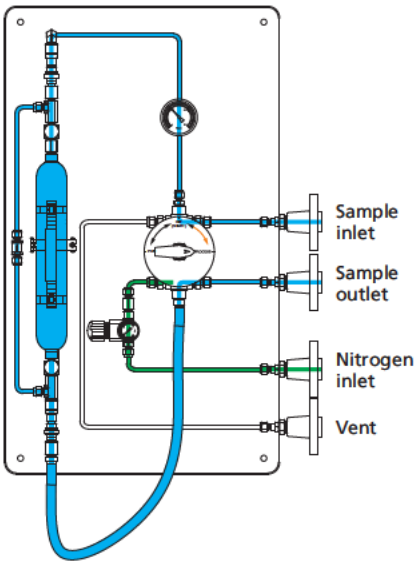


Operations



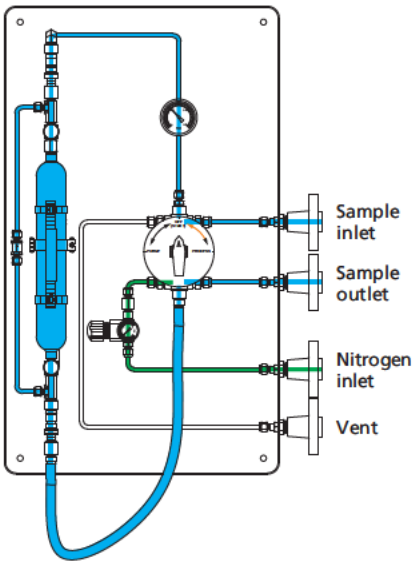
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



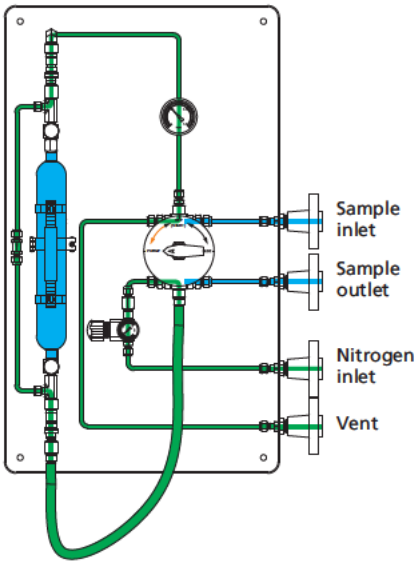
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder, persist for a certain period of time to ensure representative sample.



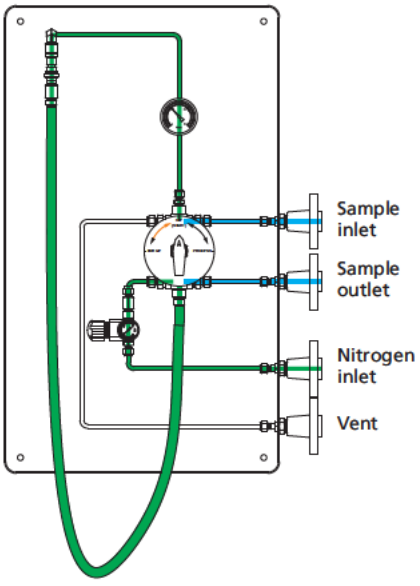
3-off

Turn the sampling valve handle to "OFF" position, turn off the needle valves at both ends of the sample cylinder.



4-purge

Turn the sampling valve handle to "PURGE" position, allowing nitrogen gas to flow through the quick connectors and bypass line to purge the system.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.

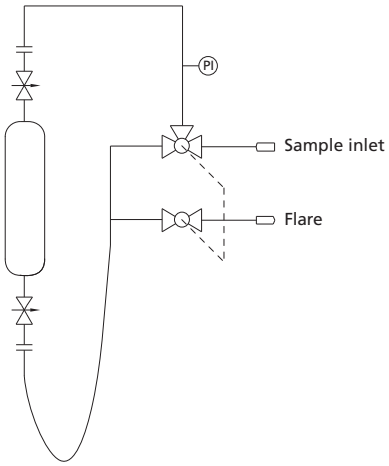
CGFS3-Outlet to Flare Configur ation

Features

- Sampling directly from process or system
- Pressure range: 0 to 1450 psig (0 to 100 bar)
- Closed sampling
- Representative sample
- Applicable for sampling from process or system without process out connection
- Linkage ball valve design, easy operation

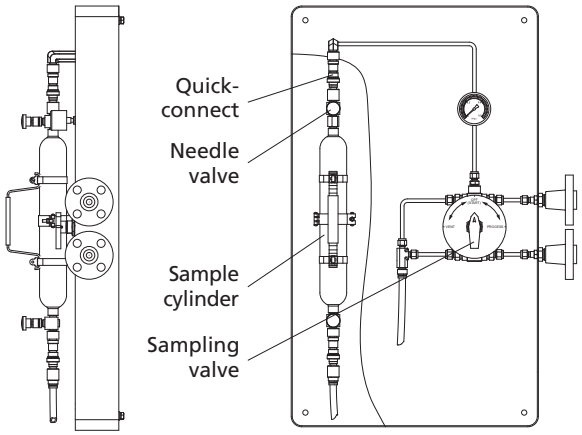
Technical Specifications and Basic Configuration

Material	316 SS
Sample Cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick connect
Sampling Valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 3000 psig (207 bar)
	Working Temp.: -65°F to 400°F (-53°C to 230°C)
Operation	Manual
Connections	NPS 1/2 flange

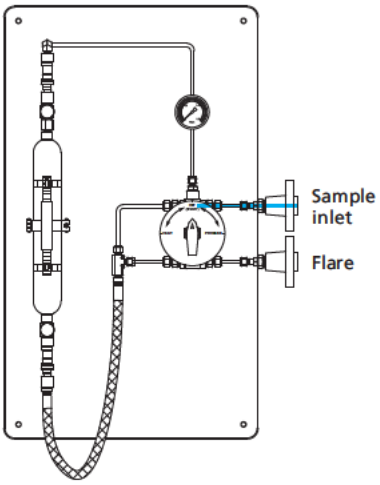


Accessories and Options

- Lockable handle
- Mounting plate
- Protective enclosure
- Vent outlet carbon absorption
- Mounting bracket
- Diverse connection types and sizes
- Various materials

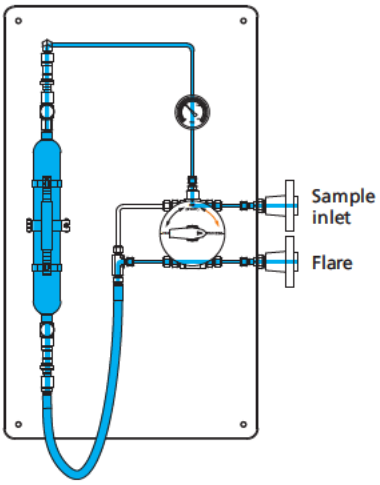


Operations



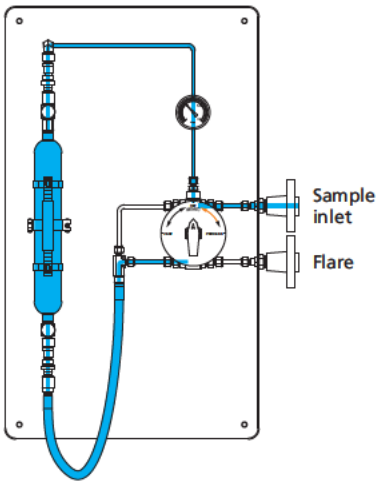
1-off

Install the sample cylinder and connect the flexible hose to the bottom side of the sample cylinder, open the valves at both end of the sample cylinder.



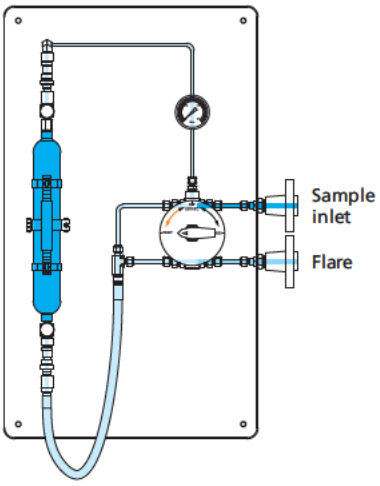
2-sampling

Turn the sampling valve handle to "PROCESS" position, allowing sample to flow into the system and to fill the sample cylinder, persist for a certain period of time to ensure representative sample.



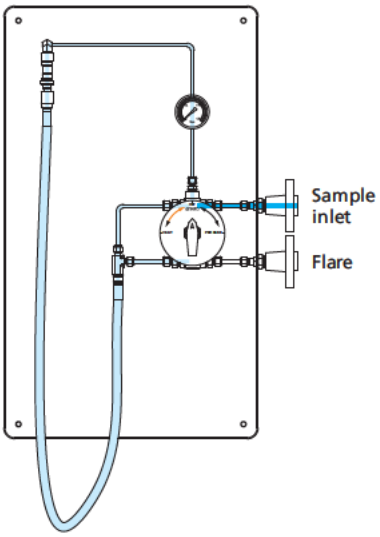
3-off

Turn the sampling valve handle to "OFF" position, turn off the needle valves at both ends of the sample cylinder.



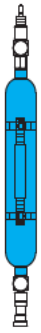
4-vent

Turn the sampling valve handle to "VENT" position to connect the sampling system to flare system, discharge the sampling system pressure.



5-off

Turn the sampling valve handle to "OFF" position, disconnect the flexible hose and remove the sample cylinder, then connect the flexible hose to the top quick connect, the sampling process is completed.



Sample Recovery System

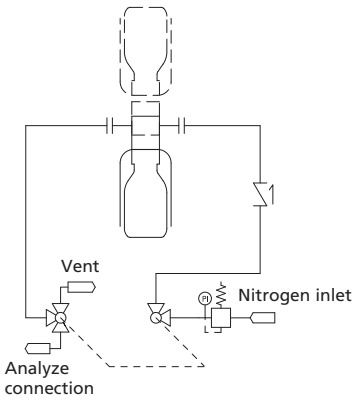
SRS1-Sampling Bottle Samples Recovery System

Features

- Applicable for sample recovering from sampling bottle
- Closed recovering
- Without overflowing
- Linkage ball valve design, easy operation

Technical Specifications and Basic Configuration

Material	316 SS
Sleeve	300 ml sleeve with bottle retaining clip
Needle assembly	Body, process / vent needle
	Process / vent needle ID: 0.06" (1.5 mm)/ 0.12" (3 mm)
Analyze valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Nitrogen branch	Including pressure regulating valve, check valve and pressure gauge
	Max working pressure of pressure regulating valve: 300 psig (20.7 bar)
	Pressure regulating range: 10 psig to 100 psig (0.7 bar to 7 bar)
	CV4 series check valve
Operation	Manual
Connections	1/4 female NPT



Accessories and Options

- Diverse connection types and sizes
- Various materials

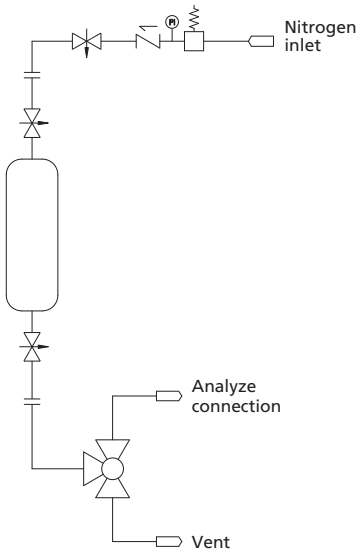
SRS2-Sampling Cylinder Samples Recovery System

Features

- ❖ Applicable for sample recovering from Sampling cylinder
- ❖ Closed recovering
- ❖ Without overflowing

Technical specifications and basic configuration

Material	316 SS
Sampling cylinder	500 ml cylinder
	NV7 series needle valve
	QC1 series quick coupling
Analyze valve	BV7 Series linkage ball valve (Gearbox linkage)
	PTFE seat and FKM O-ring
	Max. working pressure: 1500 psig (103 bar)
	Temperature range: 0°F to 450°F (-18°C to 232°C)
Nitrogen branch	Including pressure regulating valve, check valve, pressure gauge and needle valve
	Max working pressure of pressure regulating valve: 300 psig (20.7 bar)
	Pressure regulating range: 0.7 bar to 7 bar (10 psig to 100 psig)
	CV4 series check valve, ND series needle valve
Metal flexible Hose	PH1 Series
	PTFE-Lined, 304 SS Braided
	Max. Pressure: 207 bar (3000 psig)
	Working Temp.: -65°F to 400°F (-53°C to 204°C)
Operation	Manual
Connections	1/4 female NPT



Accessories and Options

- ❖ Diverse connection types and sizes
- ❖ Various materials

Remarks : The Pamphlet is a basic specification only, other specifications are available upon requests.
if you need other detailed information please contact.