Fiildtekii® Sampling Valve Handbook

● Valve Design

Fiildtekii Sampling Valves are available as DIN- or ANSl-valves, with handwheel as per standard. The valves are distinguished by its dead-space-free design as well as the extremely short outlet way for the representative sample.





● Application Range

For corrosive agent, aggressive chemicals, acid, oxidant, solvent, liquid medicals, sea water and electrical wet chemicals.

● Pack Component

Including inline gate sample valve and sample bottle.

● Product Size

A) Sample valve: 1", 1 1/2", 2" and 3"

B) Sample bottle: 100ml/ 250ml/ 300ml/ 500ml/ 1000ml

Customization is available

Product Series

A) For sample valves, we have six kinds of materials for option:

1, Pure 304 Stainless steel

2, Pure 316L Stainless steel

3, 304 Stainless steel lined FEP(Fluorinated ethylene propylene)

4, 304 Stainless steel lined PFA(Polyfluoroalkoxy)

5, 316L Stainless steel lined FEP(Fluorinated ethylene propylene)

6, 316L Stainless steel lined PFA(Polyfluoroalkoxy)

B) For sample bottles, we have five kinds of materials for option:

1, Borosilicate glass bottle

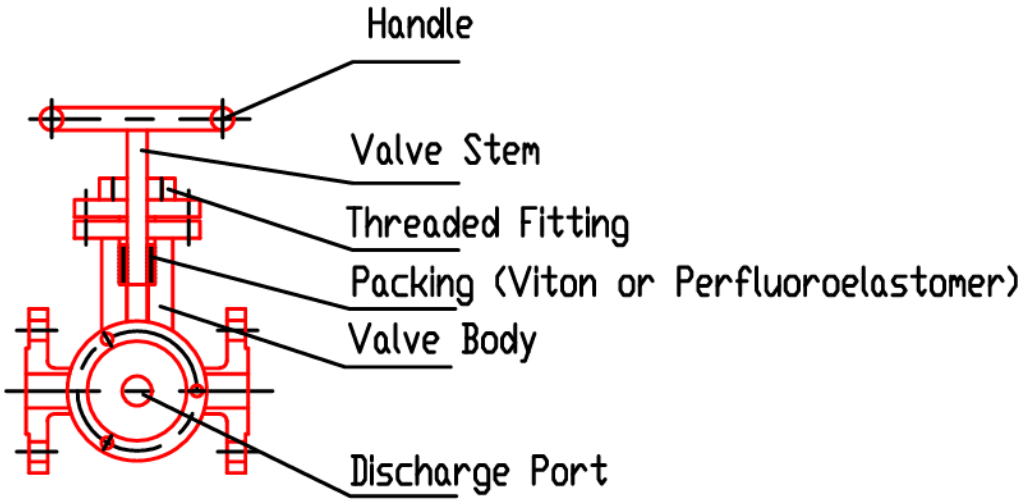
2, Brown light-proof glass bottle

3, Pure PP(Polypropylene) bottle

4, Pure FEP(Fluorinated ethylene propylene) bottle

5, Pure PFA(Polyfluoroalkoxy) bottle

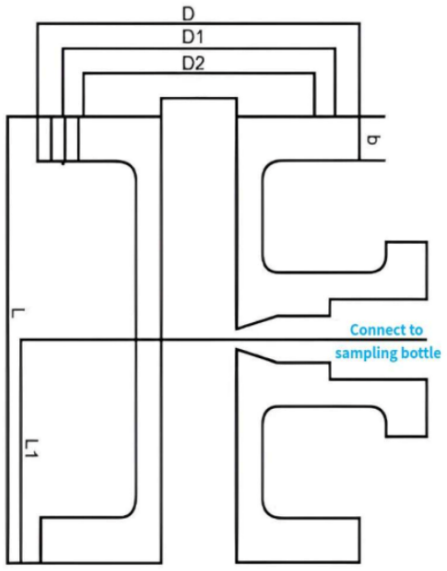
Valve Structure



Valve Size

Fiild tekii
focus on technology **Fiildtekii Sampling Valves Size Sheet**

Size	1"/ DN25	1 1/2"/ DN40	2"/ DN50	3"/ DN80	Schema
L/inch	6.1	6.5	6.5	7.0	
L1/inch	3.1	3.3	3.3	3.5	
D/inch	4.5	5.7	6.3	7.7	
D1/inch	3.3	4.3	4.9	6.3	
D2/inch	2.4	3.3	3.9	5.3	
b/inch	0.6	0.7	0.7	0.7	



Star Products


SS304 inline sample valve


SS lined FEP sample valve


SS316 inline sample valve


SS lined PFA sample valve

Brand	Fiildtekii	Fiildtekii	Fiildtekii	Fiildtekii
Size	1inch/ DN25	1inch/ DN25	1inch/ DN25	1inch/ DN25
Valve Material	SS304	SS304 lined FEP	SS316	SS304 lined PFA
Matching Bottle	100ml(3.52oz)glass bottle	250ml(8.45oz) FEP Bottle	100ml(3.52oz)glass bottle	250ml(8.45oz) PFA Bottle
Valve/Bottle Connection	Thread	Thread	Thread	Thread
Flange Face	Standard Raised Face	Standard Raised Face	Standard Raised Face	Standard Raised Face
Max. Temperature	400°F	250°F	400°F	400°F
Max. Pressure	1.6MPa(232psi)	1.6MPa(232psi)	1.6MPa(232psi)	1.6MPa(232psi)
Vacuum	Absolute vacuum	-0.095MPa	Absolute vacuum	-0.095MPa
Other Size	1 1/2", 2", and 3"	1 1/2", 2", and 3"	1 1/2", 2", and 3"	1 1/2", 2", and 3"

Operation Conditions

※ Temperature range from -40℃(-40F) up to +200℃(392F)

(depending on selected materials)

※ Pressure from -0.98bar up to 16bar (232 psi)

(depending on selected materials)

Valve Test

※ Strength test: 2.4 MPa

※ Tightness test: 0.6 MPa

※ Seal test: 2.0 MPa

※ Vacuum test: -0.098 MPa

More

Official Website:

Fiildtekii-PTFE,PFA,FEP,PVF,PVDF Manufacturer

Selling on Amazon USA

Amazon.com: Fiildtekii 1 1/2" FEP Lined SS Inline Sampling Valve with Matching FEP Sampling Bottle Corrosion Resistance and Cleanliness T Type Sampling System : Industrial & Scientific





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