

Multiview

Taking The Concept Of Monitoring To New Levels



MULTIVIEW is a fabricated type window sight glass for flow monitoring application over a range of utility & process fluids for a wide range of pressures and temperatures. MULTIVIEW is a special kind of double window sight glass with technically superior design which ensures no glass breakage and no gasket leakage for a life time and a added advantage of self cleaning glasses. MULTIVIEW makes the function of flow monitoring a completely maintenance free and low cost experience.

THE FIRST STEP TOWARDS TO MANAGEMENT IS MEASUREMENT.

***BUT,
WHERE MEASUREMENT IS NOT
FEASIBLE,
AT LEAST MONITER.***

existing tools for simple monitoring today are either inefficient or maintenance prone.

WHY MULTIVIEW ?

In the process industry double window sight glass are used as an accessory in the pipeline or inlet or outlet of equipments to view the process or utility fluid flow. Traditional double window sight glasses have the glass fitted between two flanges. This results into breakage during fitting or reduced life due to thermal expansion on an already stressed glass.

Also in the traditional way of holding the glass the process fluid leaks out to atmosphere on the instant of the inside gasket failure. Due to these reasons the failure rate of traditional double window sight glasses remain very high and does not serve as a efficient tool for monitoring flow.

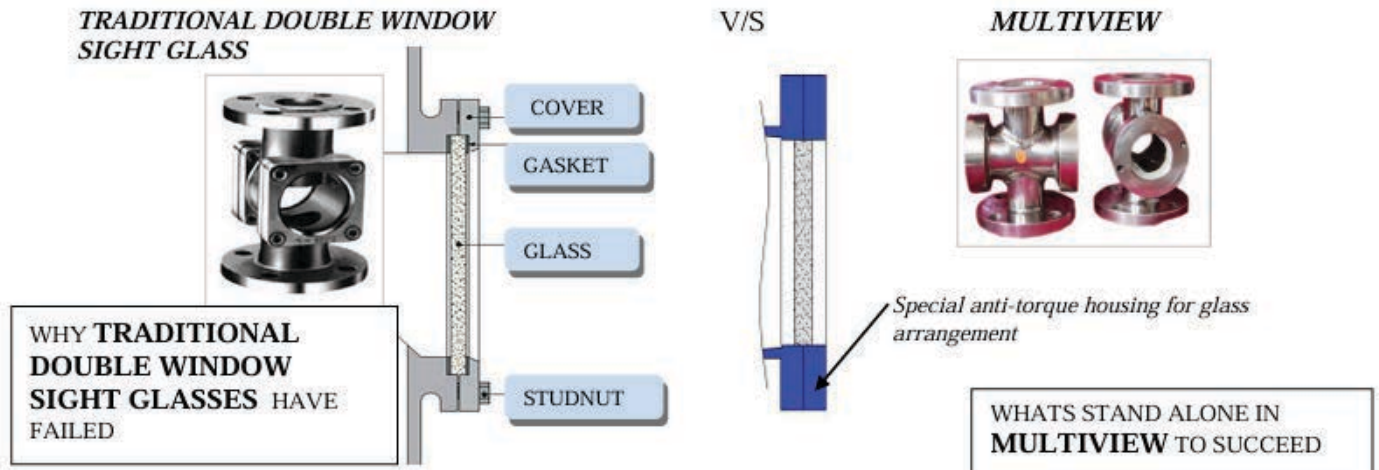
***MULTIVIEW BECAUSE IT HELPS YOU
MONITER FLUID FLOW WITH***

✓ *No leaks*

✓ *No Glass breakage*

✓ *Self cleaned clear view*

TRADITIONAL DOUBLE WINDOW SIGHT GLASSES v/s MULTIVIEW



Traditional double window sight glasses have the glass fitted between two flanges. Due to the inherent principle of tightening of flanges (opposite bolts are tightened one after the other), the glass by default remains stressed by unbalanced tightening torque from the fitting stage itself. This results into breakage during fitting or reduced life due to thermal expansion on an already stressed glass.

in the traditional double window sight glass, both the soft gaskets on both sides of the glass remains exposed to atmosphere resulting into the process fluid leaking out to atmosphere on the instant of the inside gasket failure.

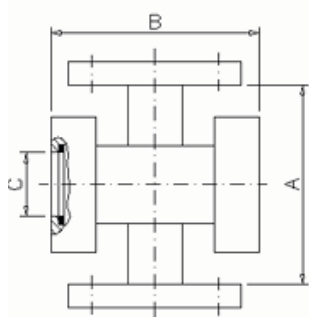
Glass gets dirty due to settling of dirt particles from inside and therefore after a limited time flow becomes invisible.

MULTIVIEW has the glass housed in a specially designed "ANTI TORQUE CAP NUT HOUSING" wherein the tightening is obtained by threading on the cap onto the nut and therefore the glass gets uniformly and gradually tightened resulting into negligible or no pre stresses and a life long no glass breaking arrangement.

In MULTIVIEW the inside gasket for the glass soft seating has no scope of getting exposed to atmosphere. Therefore even in situations of the gasket disintegrating it casts itself inside the housing thereby it results into a lifelong leak free situation

MULTIVIEW can be provided with clear view (visible diameter of the glass) of equal to or more than the size of the double window sight glass therefore enabling the user to have as much a large view he requires

The deflector plates provided inside the MULTIVIEW helps to create a vortex in the flow taking place inside the MULTIVIEW. This helps in viewing the flow even under full bore flow conditions without any moving parts and also self cleans the glass from inside to provide a life long clear view



Size	A	C Clear View	B
	mm	mm	mm
15NB	125	25	130
20NB	125	25	130
25NB	125	40	130
40NB	125	40	145
50NB	150	60	153
65NB	160	60	172
80NB	185	80	184
100NB	211	100	210
125NB	236	125	236
150NB	289	150	261



Technical Details

Available Sizes	15,20,25,40,50,65,80,100,125 & 150 NB as standard size
End Connections:	Flanged to ANSI 150# as standard & other end connections on request.
Limiting conditions:	Max Operating pressure – 16 kg/cm ² , Max Temperature – 210 OC. Cold Hyd. Test Pr. – 21 bars. (higher pressure ratings available on request)
MOC	Body – MS / SS304 / SS316, Glass – Toughened Glass, Gaskets – Viton (std) / PTFE (on request)



MULTIVIEW for
gas application

Get In Touch

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