

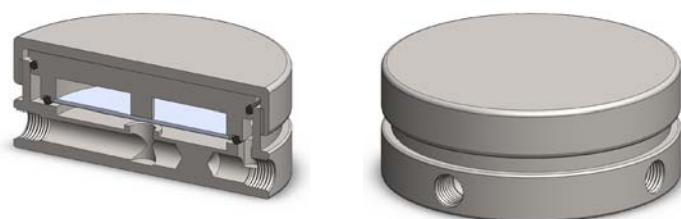
**Materials** 316L Stainless Steel  
**Pressure** 34 Bar  
**Ports** 1/4" or 1/2"  
**Membrane** MT.89.□

SM304 membrane housings use a porous PTFE membrane, which is supported by a sintered porous stainless steel disc on the outlet side. Any liquid in the gas sample will flow to the drain port. This port can also be used as a bypass function for the main flow.

The housing design allows a quick change of the membrane as all the line connections are arranged in the body of the housing and the threaded cap means no tools are required for access.

Standard housings have NPT ports and include Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.

The housings are free from welds and comply with NACE MR-01-75.



## Technical Specifications

| Housing Model                        | SM304.221 | SM304.441 |
|--------------------------------------|-----------|-----------|
| Port Size                            | 1/4" NPT  | 1/2" NPT  |
| Drain & Bypass Ports                 | 1/4" NPT  | 1/2" NPT  |
| Maximum Pressure, Bar                | 34        | 34        |
| Maximum Temperature, °C (1)          | 150       | 150       |
| <b>Materials of Construction (2)</b> |           |           |
| Head, Bowl & Internals               | 316L SS   | 316L SS   |
| Seals (3)                            | Viton     | Viton     |
| Membrane Code (4)                    | MT.89.□   | MT.89.□   |
| <b>Principal Dimensions in mm</b>    |           |           |
| Diameter                             | 100       | 100       |
| Height                               | 65.5      | 65.5      |
| Volume, cc                           | 25        | 25        |
| Weight, kg                           | 3.35      | 3.35      |
| <b>Accessories</b>                   |           |           |
| Mounting Bracket                     | MBSM206   | MBSM206   |

### Notes

- (1) Maximum temperature of 150°C is due to the PTFE membrane
- (2) Material abbreviations, 316L SS = 316L Stainless Steel
- (3) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SM304.221.T)
- (4) Replace the □ with the membrane grade required, e.g. MT.89.M2