

SM015

SP76 Modular Membrane Housing

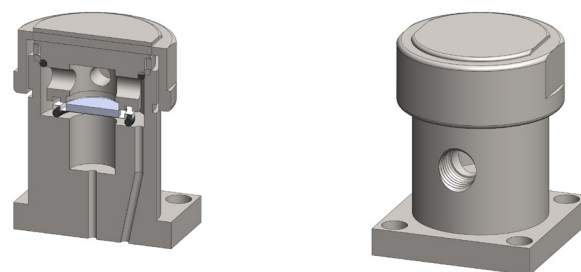
Materials 316L SS
Pressure 1500 psi
Ports SP76 & 1/8"
Membrane MT.19.□

The SM015 series SP76 membrane housings are designed for SP76 compliant modular sample systems. The housings use a porous PTFE membrane which is supported by a sintered porous stainless steel disc on the outlet side.

Any liquid in the sample will flow to the 1/8" NPT drain port. The housings should only be used on substrates that are mounted in the horizontal plane with the drain port at the lowest point below the inlet and outlet ports.

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.

The housings are free from welds and comply with NACE MR-01-75 and are CE marked in accordance with PED 2014/68/EU.



Technical Specifications

Housing Model

SM015.L11

SM015.R11

Inlet/Outlet Connections

SP76

SP76

Drain

1/8" NPT

1/8" NPT

Maximum Pressure, psi

1500

1500

Maximum Temperature, °F (1)

300

300

Flow Direction

Left to Right

Right to Left

Substrate Plane

Horizontal

Horizontal

Inlet

Hole 2

Hole 2

Outlet

Hole 3

Hole 1

Materials of Construction (2)

Head, Bowl & Internals

316L SS

316L SS

Seals (3)

Viton

Viton

Membrane Code (4)

MT.19.□

MT.19.□

Principle Dimensions in inches

Diameter

1.50

1.50

Height

1.90

1.90

Volume, cc

5

5

Weight, lbs

0.65

0.65

Notes

(1) Maximum temperature of 300°F 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. SM015.L11.T)

(4) Replace the □ with the grade required, e.g. MT.19.M2



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