STML304
Membrane Housing

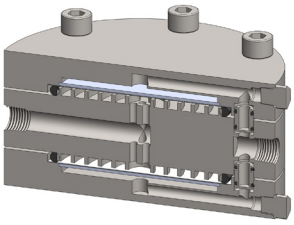
Materials	**316L Stainless Steel**
Pressure	**35 Bar**
Ports	**1/4" or 1/2"**
Membrane	**2x MT.101.☐**

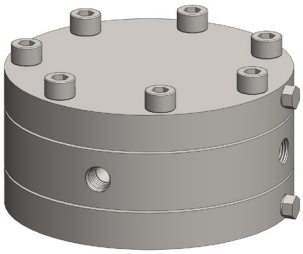
STML304 membrane housings uses two porous PTFE membranes, which are supported by sintered porous stainless steel discs on the outlet side. The housing is designed to separate two liquid phases and a special flow path increases the contact time against the membrane face to increase the flow rate.

The housing design allows the membranes to be changed without disconnection of the port fittings.

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	**STML304.221**	**STML304.441**
Port Size	1/4" NPT	1/2" NPT
Drain & Bypass Ports	1/4" NPT	1/2" NPT
Maximum Pressure, Bar	35	35
Maximum Temperature, ºC (1)	150	150
Materials of Construction (2)		
Head, Bowl & Internals	316L SS	316L SS
Seals (3)	Viton	Viton
Membrane Code (4)	2x MT.101.☐	2x MT.101.☐
Principal Dimensions in mm		
Diameter	150	150
Height	83.5	83.5
Volume, cc	45	45
Weight, kg	9.1	9.1
Accessories		
Mounting Bracket	MB.SM304	MB.SM304

Notes

(1) Maximum temperature of 150ºC 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. SML304.221.T)

(4) Replace the ☐ with the membrane grade required, e.g. MT.101.M8

Contact Us

Classic Filters Ltd.
Sextant Park
Neptune Close
Rochester
Kent
England
ME2 4LU

T +44 (0)1634 724224
F +44 (0)1634 724234
E info@classicfilters.com
W www.classicfilters.com

Follow Us

http://www.linkedin.com/company/classic-filters-ltd.

http://www.twitter.com/classicfilters