

PF Series Plastic Flow Meter for Chemical or Hot Water



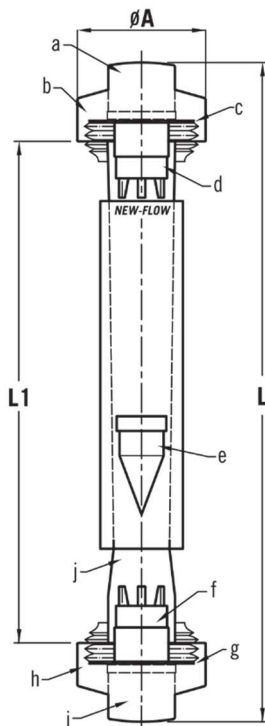
โพล์วมิเตอร์สำหรับงานสารเคมีหรืองานน้ำร้อน



Technical Data

- Accuracy : $\pm 3\%$ F.S
- Tube : Polysulfone (PSU)
- Float : Teflon (PTFE) , SS316
- Connection Material : UPVC , Stainless Steel, Steel
- Process Connection : UPVC Socket, NPT, PT Threaded or Flange
- Max. Working Pressure : 12 Kg/cm²
- Max. Working Temperature : -10°C to 110°C
- Scale Unit : LPM , L/H, m³/h

Dimensions



Flow Body Size		A	L	L1
A	1/2"	41	233	172
B	1/2"	52	346	263
C	3/4"	74	368	272
D	1" & 1 1/2"	79	370	272
E	1 1/2" & 2"	99	385	262
F	2"	135	415	250

Unit = mm

Parts List Material

Item	Parts Name	Material
a	Process Connection	SS304, SS316, UPVC, PVDF
b	Union Nut	SS304, SS316, UPVC
c	O-Ring	VITON
d	Stop Bar	PVDF
e	Float	Teflon (PTFE), SS316
f	Stop Bar	PVDF
g	O-Ring	VITON
h	Union Nut	SS304, SS316, UPVC
i	Process Connection	SS304, SS316, UPVC, PVDF
j	Flow Tube	PSU

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Flow Range (Water)	Unit	Float Material	Connection	Length (L1) mm.
0.1 - 1	LPM	Teflon	½"	172
0.3 - 3	LPM	Teflon	½"	263
0.5 - 5	LPM	Teflon	½"	263
1 - 10	LPM	Teflon	¾"	272
1.4 - 14	LPM	Teflon	¾"	272
2.5 - 25	LPM	Teflon	¾"	272
3.5 - 35	LPM	Teflon	1" or 1 ½"	272
8 - 60	LPM	Teflon	1 ½" or 2"	262

Flow Range (Water)	Unit	Float Material	Connection	Length (L1) mm.
0.3 - 3	LPM	SS316	½"	172
0.5 - 5	LPM	SS316	½"	172
0.6 - 6	LPM	SS316	½"	263
1 - 10	LPM	SS316	½"	263
1.5 - 15	LPM	SS316	½"	263
2.5 - 25	LPM	SS316	¾"	272
4 - 40	LPM	SS316	¾"	272
6 - 60	LPM	SS316	1" or 1 ½"	272
8 - 80	LPM	SS316	1" or 1 ½"	272
14 - 140	LPM	SS316	1 ½" or 2"	262
25 - 250	LPM	SS316	2"	250
30 - 300	LPM	SS316	2"	250
40 - 400	LPM	SS316	2"	250

Flow Range (Water)	Unit	Float Material	Connection	Length (L1) mm.
4 - 40	LPH	Teflon	½"	172
6 - 60	LPH	Teflon	½"	172
10 - 100	LPH	Teflon	½"	172
10 - 100	LPH	Teflon	½"	263
18 - 180	LPH	Teflon	½"	263
30 - 300	LPH	Teflon	½"	263
60 - 600	LPH	Teflon	¾"	272
80 - 800	LPH	Teflon	¾"	272

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Flow Range (Water)	Unit	Float Material	Connection	Length (L1) mm.
12 – 120	LPH	SS316	½”	172
20 - 200	LPH	SS316	½”	172
30 - 300	LPH	SS316	½”	172
35 – 350	LPH	SS316	½”	263
60 - 600	LPH	SS316	½”	263
100 – 1,000	LPH	SS316	½”	263
160 – 1,600	LPH	SS316	¾”	272
1,500 – 15,000	LPH	SS316	2”	250
2,000 – 20,000	LPH	SS316	2”	250
2,500 – 25,000	LPH	SS316	2”	250
5,000 – 30,000	LPH	SS316	2”	250

Flow Range (Water)	Unit	Float Material	Connection	Length (L1) mm.
0.1 – 1	m ³ /h	SS316	½”	263
0.16 – 1.6	m ³ /h	SS316	¾”	272
0.25 – 2.5	m ³ /h	SS316	¾”	272
0.15 – 1.5	m ³ /h	Teflon	1” or 1 ½”	272
0.2 – 2.2	m ³ /h	Teflon	1” or 1 ½”	272
0.5 - 5	m ³ /h	SS316	1” or 1 ½”	272
0.8 - 8	m ³ /h	SS316	1” or 1 ½”	262
0.5 – 3.5	m ³ /h	Teflon	1” or 1 ½”	262
1.5 – 15	m ³ /h	SS316	2”	250
2 – 20	m ³ /h	SS316	2”	250
5 – 30	m ³ /h	SS316	2”	250
2.5 – 25	m ³ /h	SS316	2”	250
7 – 35	m ³ /h	SS316	2”	250



PF Series Plastic Flow Meter for Air / Gas



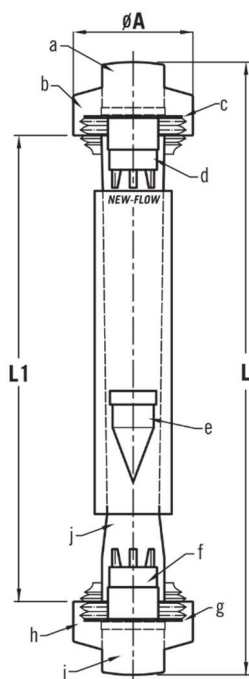
โพลีวมิเตอร์สำหรับงานลมหรือแก๊ส



Technical Data

- Accuracy : $\pm 3\%$ F.S
- Tube : Polysulfone (PSU) or Polycarbonate (PC)
- Float : Teflon (PTFE) , SS316
- Connection Material : PVC , Stainless Steel, Steel
- Process Connection : PVC Socket, NPT, PT Threaded or Flange
- Max. Working Pressure : 12 Kg/cm²
- Max. Working Temperature
 PC Tube : -10°C to 60°C
 PSU Tube : -10°C to 110°C
- Scale Unit : NLPM or Nm³/H

Dimensions



Flow Body / Size	A	L	L1	
A	1/2"	41	233	172
B	1/2"	52	346	263
C	3/4"	74	368	272
D	1" & 1 1/2"	79	370	272
E	1 1/2" & 2"	99	385	262
F	2"	135	415	250

(Unit = mm)

Parts List Material

Item	Parts Name	Material
a	Process Connection	SS304, SS316, UPVC, PVDF
b	Union Nut	SS304, SS316, UPVC
c	O-Ring	VITON
d	Stop Bar	PVDF
e	Float	Teflon (PTFE), SS316
f	Stop Bar	PVDF
g	O-Ring	VITON
h	Union Nut	SS304, SS316, UPVC
i	Process Connection	SS304, SS316, UPVC, PVDF
j	Flow Tube	PSU, P.C

PF Series Plastic Flow Meter for Air / Gas



โพลีเมอร์สำหรับงานลมหรือแก๊ส

Flow Range (Air)	Unit	Float Material	Connection	Length (L) mm.
2.5 - 25	NLPM	Teflon	½"	172
8 - 80	NLPM	Teflon	½"	263
13 -130	NLPM	Teflon	½"	263
40 -400	NLPM	Teflon	¾"	272
60 -500	NLPM	Teflon	¾"	272
100 - 1000	NLPM	Teflon	¾"	272
140 - 1400	NLPM	Teflon	1" or 1 ½"	272

Flow Range (Air)	Unit	Float Material	Connection	Length (L) mm.
6 - 60	NLPM	SS316	½"	172
12 - 120	NLPM	SS316	½"	172
20 - 200	NLPM	SS316	½"	263
50 - 300	NLPM	SS316	½"	263
40 - 400	NLPM	SS316	½"	263
70 - 700	NLPM	SS316	¾"	272
100 - 1000	NLPM	SS316	¾"	272
200 - 1800	NLPM	SS316	1" or 1 ½"	272
250 - 2500	NLPM	SS316	1" or 1 ½"	272

Flow Range (Air)	Unit	Float Material	Connection	Length (L) mm.
0.15 - 1.5	Nm ³ /H	Teflon	½"	172
0.5 - 5	Nm ³ /H	Teflon	½"	263
0.8 - 8	Nm ³ /H	Teflon	½"	263
1.2 - 12	Nm ³ /H	Teflon	½"	263
2.4 - 24	Nm ³ /H	Teflon	¾"	272
3 - 30	Nm ³ /H	Teflon	¾"	272
8 - 80	Nm ³ /H	Teflon	1" or 1 ½"	272
20 - 150	Nm ³ /H	Teflon	1 ½" or 2"	272

Flow Range (Air)	Unit	Float Material	Connection	Length (L) mm.
0.36 - 3.6	Nm ³ /H	SS316	½"	172
0.6 - 6	Nm ³ /H	SS316	½"	172
0.8 - 8	Nm ³ /H	SS316	½"	172
1.2 - 12	Nm ³ /H	SS316	½"	263
3 - 25	Nm ³ /H	SS316	½"	263
4 - 40	Nm ³ /H	SS316	¾"	272
6 - 60	Nm ³ /H	SS316	¾"	272
10 - 100	Nm ³ /H	SS316	1" or 1 ½"	272
15 -150	Nm ³ /H	SS316	1" or 1 ½"	272
30 - 270	Nm ³ /H	SS316	1 ½" or 2"	262