

POLYSULPHONE OR PVC ASAMETERS

SERIE P13



ENGINEERING SPECIFICATIONS

Asameters® mod. P13 are simple and inexpensive flowmeters for use where accuracy $\pm 3\%$ v.f.s. is considered acceptable.

Entirely made with shock-proof plastic materials, they are also suited for operation with corrosive liquids, such as HCl or NaOH.

Rangeability: 10 to 100% f.s.v.

Connections for PVC or aluminium or AISI 316L stainless steel screw-stoppers. Free top float.

CONSTRUCTION MATERIALS

Metering tube: Polysulphone or PVC

Float: AISI 316L stainless steel, Polypropylene or PVDF

Packings: synthetic rubber or Viton

Float stops: Polypropylene.

OPERATING CONDITIONS

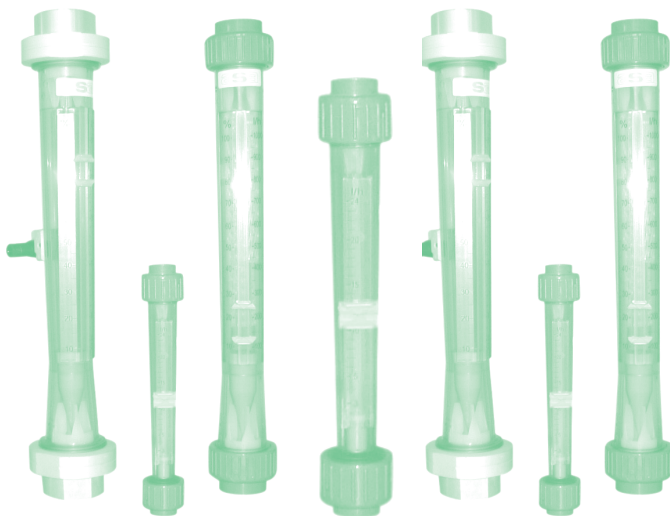
Max allowable pressure: 10 bar (Polysulphone) / 8 bar (PVC) and 20° C

Temperature limits: 0÷100° C (Polysulphone) / 0÷60° C (PVC)

Optionals: max and minimum alarm signals. Excluding air flowmeter.

SCALE GRADUATION

The reading scale is fixed on the metering tube and is graduated in actual values or percentage, as required.



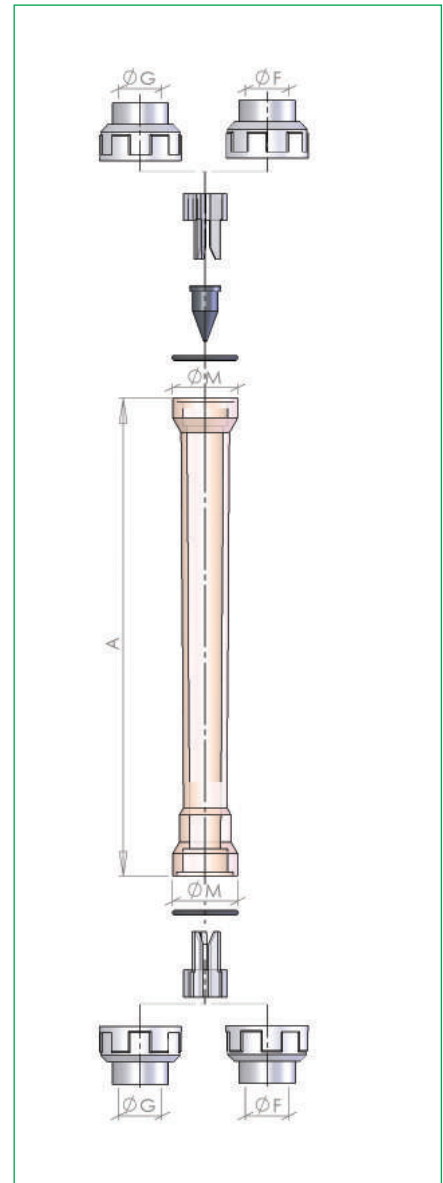
DIMENSIONAL DRAWINGS

Size	Metering Tube		Scale length mm		
2500	PVC	165	16		85
2600	PVC	170	20		90
2700	PVC	185	25		100
2800	PVC	200	32		120
	Polysulfone	350	32	1"	200
2900	Polysulfone	350	40	1" 1/4	200
3100	Polysulfone	350	63	2"	200

REFERENCE FLOW RATES

PVC Asameters

Size	Thread ø M mm	Glue connection ø G mm	PVDF Float	
			H ₂ O l/h	
2500	3/4"	16	3-24	
			5-60	
			10-100	
			25-250	
2600	1"	20	5-50	
			15-150	
			25-250	
			40-400	
2700	1" 1/4	25	15-150	
			40-400	
			60-600	
			100-1000	
2800	1" 1/2	32	25-250	
			40-400	
			100-1000	
			150-1500	



Polysulphone Asameters

Size	Tread ø M	AISI 316L stainless steel float				Polypropylene float			
		H ₂ O l/h	NaOH 30% 20°C l/h	NaOH 50% 20°C l/h	□P mbar	H ₂ O l/h	Hcl 33% 20°C l/h	□P mbar	Aria T=20°C P=1 barA nl/h
2800	1" 1/2	25-250	5-150	-	26	16-160	15-150	8	250-2500
		40-400	10-250	-	26	25-250	22-220	8	400-4000
		63-630	20-450	5-150	26	40-400	35-350	8	630-6300
		100-1000	50-70	10-300	26	63-630	60-600	8	1000-10000
2900	2"	160-1600	-	25-650	30	100-1000	90-900	11	1600-16000
		250-2500	100-1800	25-1100	30	160-1600	150-1450	11	2500-25000
3100	2" 3/4	400-4000	100-2900	-	48	250-2500	220-2200	20	4000-40000
		630-6300	-	-	48	400-4000	350-3500	20	6300-63000
		1000-10000	-	-	48	630-6300	570-5700	20	10000-100000