

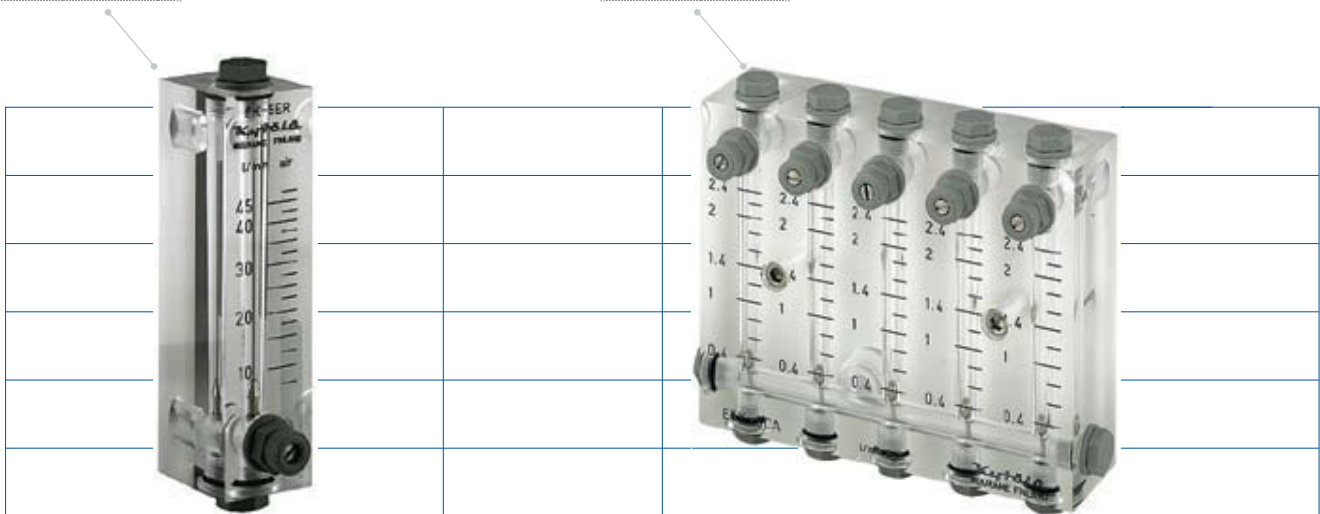


Variable Area Flowmeter • Model E

Gas & Liquid Measurement • Environmental Applications • CO₂, N₂, O₂ Control

Maximum Scale		
Water -	USGPH	(LPM)
	40	2.5
Air -	SCFM	(NLPH)
	200	90

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	200	90



EK - Acrylic

E5K - Acrylic

When Reliability Counts!

Kytola Instruments is the leading manufacturer of high performance industrial flowmeters, sealing water monitors and lubrication solutions.

You can rely on us when you need accurate flow measurement, short delivery lead times, expert advice and support.

Customers choose Kytola products to reduce maintenance and costs. When reliability counts, it's Kytola.

Model E

Superior Features

- Sturdy construction
- Long lasting Polymer body
- Flow adjustment valve
- BSP connection
- Clear, easy to read scale
- CNC machined and heat treated for maximum accuracy
- Pressure rated up to 435 psi

Flexible Options

- Scale for alternative gases and liquids
- Inductive low and/or high flow alarm
- NPT thread adapters
- Multi-tube version
- Viton® or EPDM seals
- Custom calibration, scale, markings, logo and construction available

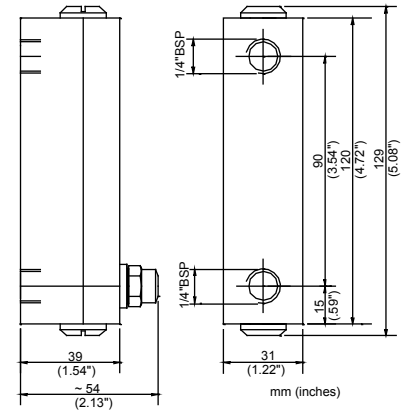


Model	EK	EH
Body	Acrylic (PMAA)	Acrylic (PMAA)
Valve Housing	Nylon	AISI 316
Valve Spindle	AISI 316	AISI 316
Seals	Nitrile (*Viton®, EPDM)	Nitrile (*Viton®, EPDM)
Connections	*BSP 1/4"	*BSP 1/4"
Max. pressure	290 psi (20 bar) up to max. temp. 435 psi @ 86°F (30 bar @ 30°C)	290 psi (20 bar) up to max. temp. 435 psi @ 86°F (30 bar @ 30°C)
Max. temperature	167° F (75°C)	167° F (75°C)
Accuracy	±5% F.S. (H ₂ O, 70°F @ 20°C)	±5% F.S. (H ₂ O, 70°F @ 20°C)
Weight	6 oz. (170 g)	7 oz. (200 g)

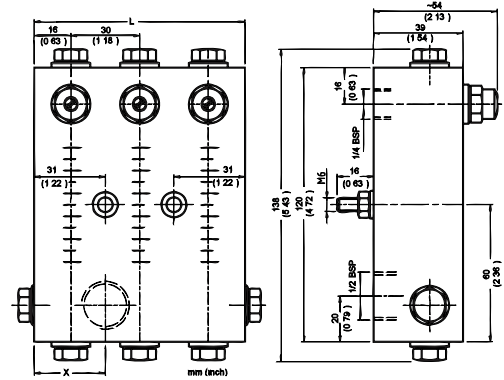
*Special construction upon request. Thread adapters must be used for NPT connections.

E		Number of Tubes			
		Blank = single meter			
X		x = numbers (2-12 multi-tube)			
K		Valve Housing Plug Material			
		Nylon			
H		AISI 316			
		H ₂ O Flow Range		Air Flow Range	
		USGPH	LPM	SCFH	NLPM
2K*		0.02-0.26	2.0-16 ml/min	0.2-2.0	0.1-0.8
2L*		0.05-0.50	2.5-30 ml/min	0.2-2.8	0.1-1.2
2M*		0.1-0.85	5.0-55 ml/min	0.5-4.0	0.2-1.8
2N*		0.2-1.4	10-80 ml/min	1.0-6.0	0.4-2.6
3K		0.1-1.8	0.01-0.11	1.0-13	0.5-5.5
3L		0.2-3.0	0.02-0.18	2.0-16	0.5-7.0
3M		0.5-5.0	0.025-0.3	2.0-20	1.0-9.0
3N		0.5-7.0	0.05-0.45	2.5-27.5	1.0-12
4B		1.0-8.0	0.05-0.5	5.0-45	2.0-20
4A		1.0-18	0.1-1.1	5.0-85	2.0-36
5E		5.0-25	0.2-1.6	20-100	7.5-47.5
5S		2.5-35	0.2-2.2	10-160	5.0-70
5F		5.0-40	0.5-2.5	40-200	0-90
		Scale			
A		H ₂ O scale LPM (*ml/min for 2K-2N)			
N		H ₂ O scale USGPH (70°F)			
R		Air scale NLPM (20°C, 101.3 kPa)			
V		Air scale SCFH (70°F, 14.7 psia)			
L		Dual scale USGPH H ₂ O and SCFH air			
D		Relative scale 1-10			
		Special Option			
H		Hand knob in valve			
V		Viton® seals			

NPT Adapters (2 are required for single meters)
 ZADR1/4NK - Nylon 1/4" BSP x 1/4" NPT
 ZADR1/4N3/8K - Nylon 1/4" BSP x 3/8" NPT
 ZADR1/4N3/8H - AISI316 1/4" BSP x 3/8" NPT
For Multitube meter 1 common inlet, 1 outlet per tube



Single Tube Inlet/Outlet available in NPT 1/4" or 3/8" with optional adapters



E Multitube												
N	2*	3	4	5	6	7	8	9	10	11	12	
L mm	62	62	122	152	182	212	242	272	302	322	362	
L (inches)	2.44	3.62	4.8	5.98	7.17	8.35	9.53	10.71	11.89	13.07	14.25	
X mm	31	31	61	61	91	91	121	121	151	151	181	
X (inches)	1.22	1.22	2.4	2.4	3.58	3.58	4.76	4.76	5.94	5.94	7.13	

*2 tube version, check with factory for mounting bold drawing dimension and location.
 Inlet available in NPT 3/8", 1/2" or 3/4" AISI316 or PVC with optional adapters
 Outlet available in NPT 1/4" or 3/8" AISI316 or PVC with optional adapters



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Representative: