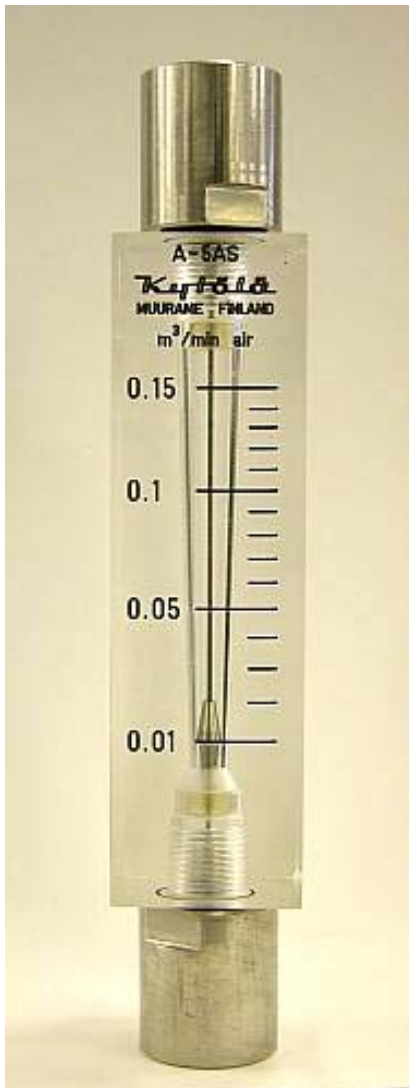


The Kytola variable-area flowmeter Model A is intended for use wherever a moderately priced but dependable instrument for measuring or monitoring flows of liquids or gases is required. The design of this flowmeter makes it excellent for use in places exposed to corrosion when there is no need for a built-in flow regulating valve.



Typical Applications

- Water treatment
- Sealing liquid measurement
- Air (gas) flow measurement

Features

- The body is made of clear acrylic into which a conical metering tube has been machined
- All metal parts are 316 SS
- Floats are easily removed to simplify instrument cleaning
- End connections are BSP standard
- NPT thread connections are available with the use of optional 316 SS or nylon thread adaptors

Performance

- Accuracy: $\pm 5\%$ of range
- Repeatability: 0.5% of reading
- Pressure drop: dependent on range; specifications available on request

Technical Specifications

	A
Flowtube / body	Acrylic
Seals	Nitrile
Connectors	AISI 316
Valve assembly	AISI 316
Max. pressure	3 Mpa / 30 bar / 450 psi
Max. temperature	75°C / 165°F
Connections	3/8" R

Order Guide

A	-	xx	x	-	x	FLOW RANGE						
						WATER				AIR		
						USGPH (N)	USGPM (G)	MLPM (A)	LPM (A)	SCFH (V)	SCFM (T)	NLPM (R)
2K						0.3	-	20	-	2	-	0.9
2A						0.5	-	30	-	3	-	1.3
2B						1	-	60	-	4	-	1.9
2C						1.4	-	90	-	6	-	2.8
3K						2	-	-	0.13	14	-	6
3A						3.8	-	-	0.2	16	-	7
3B						5	-	-	0.36	24	-	10
3C						8	-	-	0.5	34	-	15
8M						-	0.3	-	1	-	1.2	30
8P						-	0.5	-	1.8	-	2	50
8S						-	0.6	-	2.6	-	3	70
8R						-	0.8	-	3	-	3.5	90
8D						-	1.7	-	6	-	8	200

SCALE	
A	LPM water (MLPM water)
D	Relative scale
G	GPM water
N	GPH water
R	NLPM air (101.3 kPa @ 20°C)
T	SCFM air (14.7 psig @ 70°F)
V	SCFH air (14.7 psig @ 70°F)

OPTIONS	
N	NPT (specify size and type, see adaptors)
V	Viton O-rings
	Special calibration
	Special scale markings and ranges

THREAD ADAPTERS	
SIZE & MATERIAL	PART NUMBER
1/4" NPT AISI 316	ZADR3/8N1/4H
3/8" NPT AISI 316	ZADR3/8NH
1/2" NPT AISI 316	ZADR3/8N1/2H
1/4" NPT Nylon	ZADR3/8N1/4K
3/8" NPT Nylon	ZADR3/8NK
1/2" NPT Nylon	ZADR3/8N1/2K

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