

The KYTOLA® Variable Area Flow Meter Model L is a sturdy industrial acrylic flow meter.

Model L is a reliable instrument for measuring and monitoring liquid and gas flows.



- For liquid or gas
- Several flow ranges
- Scales for alternative gases and liquids
- Clear, easy-to-read scale

ISO 9001:2008 ISO 14001:2004

FLOW METER L

FEATURES

- Plastic flow tube with stainless steel connections
- Flow adjustment valve
- CRN approved select models
- Freeze resistant body (Model LR)

TYPICAL APPLICATIONS

- Gas and water purging
- Liquid and gas flow measurements
- Sealing liquid monitoring

OPTIONS

- Constant flow regulator
- Hand knob
- Viton® or EPDM seals
- Custom calibration/special construction

Model	LH	LR	LT
Max. pressure	290 psi (20 bar), 435 psi/86°F (30 bar/30°C)	290 psi (20 bar), 435 psi/95°F (30 bar/35°C)	290 psi (20 bar), 435 psi/86°F (30 bar/30°C)
Max. temperature	167°F (75°C)	176°F (80°C)	158°F (70°C)
Body	Acrylic (PMMA)	Grilamid (PA-12)	Trogamid-T (PA6-3-T)
Valve	AISI 316		
Connectors	AISI 316		
Seals	Nitrile (*Viton®, EPDM)		
Connections	NPT 1/4" (*BSP 1/4")		
Accuracy	± 10% F.S. H ₂ O, 70°F (20°C)		
Weight	10.6 oz (300 g)		

*) Special construction on request

Flow Tube Material

Acrylic	H
Grilamid	R
Trogamid-T	T

Flow Range **mL/min

H ₂ O USGPH	H ₂ O L/min	Air SCFH	Air NL/min	
0.05–0.30	2–18**	0.2–2	0.1–0.9	4K*
0.05–0.45	2.5–30**	0.4–2.8	0.1–1.2	4A*
0.1–0.9	5–55**	0.75–4	0.2–1.8	4B*
0.2–1.3	15–80**	1.5–6	0.5–2.5	4C*
0.2–2.0	0.01–0.13	1–14	0.5–6	5K
0.2–3.6	0.01–0.2	1–16	0.5–7	5A
0.5–5.5	0.025–0.3	2–24	1–10	5B
1–8.5	0.05–0.5	4–32	2–14	5C
2–12	0.1–0.75	7.5–45	3–20	8T
2–17	0.1–1	10–70	5–30	8M
4–26	0.2–1.6	20–120	10–50	8P
2.5–40	0.2–2.6	20–190	10–85	8S
10–50	0.5–3	40–240	15–110	8R

ScaleH₂O L/min (20°C) (**mL/min for 4K...4C)H₂O USGPH (70°F)

Air NL/min (20°C/1.013 bar abs)

Air SCFH (70°F, 14.7 psia)

Dual scale USGPH H₂O and SCFH airDual scale L/min H₂O and NL/min air

Relative scale–1–10

Special Feature

Hand knob in valve

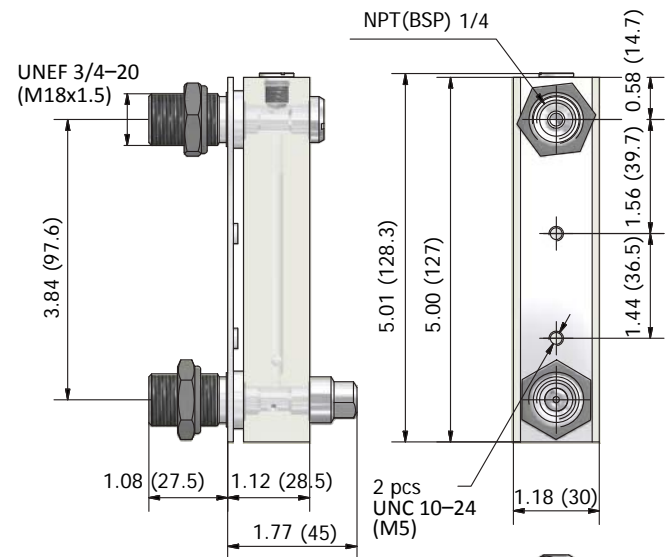
Connections BSP 1/4"

Viton® seals

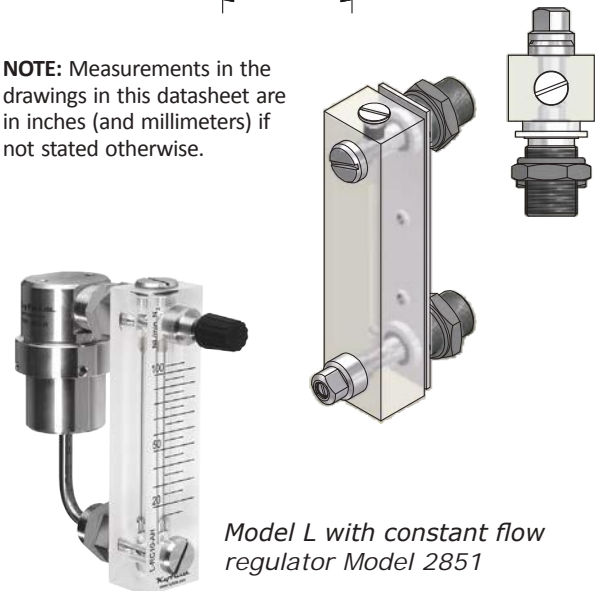
EPDM seals

* = Accuracy not guaranteed

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NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.



Model L with constant flow regulator Model 2851

Kytola
INSTRUMENTS

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