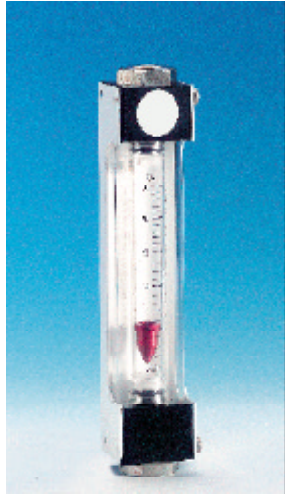


Safety Housed flowmeter



- Installation inline unsupported
- Panel mounting option
- Tube cover
- Suitable for gas and liquids
- Customised scales available
- Wide rangeability
- Highly repeatable
- Suited to integration in original equipment
- Optional alarm

Construction & Specification

Connection:	1/2" or 3/4" BSPP female 316 SS or nickel plated brass with viton o-rings
Frame:	Polyester coated steel
Tube:	Borosilicate glass
Scale:	100 mm 1/2" connections 140 mm 3/4" connections
Accuracy Class:	2.5 VDI/VDE standard
Maximum Pressure:	20 bar non shock
Maximum Temperature:	120°C

FLOW

ABLE Instruments & Controls Ltd
Cutbush Park, Danehill, Lower Earley,
Reading, Berks., RG6 4UT UK
Tel: +44 (0)118 931 1188
Fax: +44 (0)118 931 2161
Email: sales@able.co.uk
Website: www.able.co.uk

ABLE

Safety Housed Flowmeter

Safety Housed flowmeter

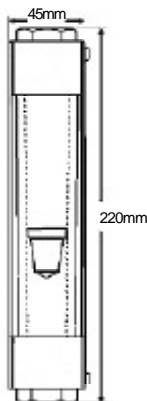
Flow Tubes and Scales

1/2" Frame size (Standard Series)										3/4" Frame size (Long Series)	
Units	Water	Air	Oxygen	Nitrogen	Carbon Dioxide	Argon	Hydrogen	Methane	Propane	Water	Air
	H ₂ O	AIR	O ₂	N ₂	CO ₂	Ar	H ₂	CH ₄	C ₃ H ₈		
cc/min	4 - 60	—	—	—	—	—	—	—	—	—	—
cc/min	30 - 280	—	—	—	—	—	—	—	—	—	—
cc/min	40 - 480	—	—	—	—	—	—	—	—	2 - 80	—
cc/min	50 - 750	50-750	50-700	50-800	50-750	40 - 660	100 - 2000	100 - 1100	100 - 850	10 - 350	—
l/min	0.1 - 1.2	0.1 - 1.2	0.1 - 1.1	0.1 - 1.2	0.1 - 1.1	0.1 - 1	0.2 - 3.4	0.1 - 1.7	0.1 - 1.2	0.05 - 1.5	0.05 - 1.8
l/min	0.3 - 3	0.3 - 3	0.4 - 2.8	0.3 - 3	0.3 - 2.8	0.2 - 2.6	0.5 - 10	0.4 - 4.4	0.4 - 3.2	0.2 - 4.6	0.25 - 4.5
l/min	0.4 - 4.4	0.6 - 5	0.4 - 4.4	0.6 - 5	0.6 - 4.4	0.4 - 4	1 - 15	1 - 7	0.8 - 4.8	—	1 - 30
l/min	—	1 - 13	1 - 12	1 - 13	1 - 11	1 - 11	2 - 44	1 - 18	1 - 11	—	4 - 100
l/min	—	2 -26	2 -25	2 -27	2 -20	2 - 22	5 - 95	2 - 36	2 - 22	—	—
l/min	—	4 - 50	4 - 50	4 - 50	4 - 40	4 - 44	10 - 180	5 - 70	4 - 40	—	—
l/min	—	10 - 100	10 - 100	10 - 100	10 - 80	10 - 90	40 - 400	15 - 140	10 - 85	—	—

Flows are expressed @ 20°C and 1.013 bar reference Customised scales can also be supplied to suit any specific fluids and operating conditions

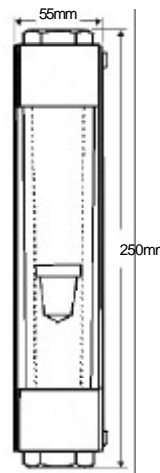
Mounting Dimensions

1/2 " BSPP



The flowmeters are suitable for unsupported pipeline mounting. Alternatively the frame can be fixed to a panel using the two threaded inserts at the rear.

3/4 " BSPP



Options & Accessories

- Scales for differing fluids or process conditions
- High, low or dual alarm
- Alternative materials of construction & connections

Ordering Codes

CONNECTION MATERIAL + FLOW TUBE			
Example	ASH	1/2"	S
Connection Size	_____		
1/2"	_____		
3/4"	_____		
Material	_____		
S = Stainless Steel			
B = Nickel Plated Brass			
1 - 10 l/min H ₂ O	Specify Units & Fluid type		
If a customised scale is required or nominal flow only known, please supply the following information :			
Nominal Flowrate & Units	Working Pressure		
Liquid or Gas type	Viscosity		
Temperature	Density		

* Doesn't quite match your application? Contact our factory application engineers, for the many options available on this unit



ABLE Instruments & Controls Ltd.

Cutbush Park, Danehill, Lower Earley, Reading, Berks., RG6 4UT UK

Tel: +44 (0)118 931 1188 Fax: +44 (0)118 931 2161

Email: sales@able.co.uk Website: www.able.co.uk

FAXBACK RESPONSE FORM

FAXBACK +44 (0)118 931 2161 • EMAILBACK info@able.co.uk

ABLE's product portfolio is listed below, to receive information on any of these products please indicate your interest and return this form to us:-

LEVEL

- | | | |
|-------------------------------------------|-------------------------------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Float Switches | <input type="checkbox"/> Ultrasonic Switches & Transmitters | <input type="checkbox"/> Magnetic Level Indicators |
| <input type="checkbox"/> Nucleonic Gauges | <input type="checkbox"/> R.F. Admittance | <input type="checkbox"/> Capacitance |
| <input type="checkbox"/> Radar | | |

FLOW

- | | | |
|--------------------------------------------|----------------------------------------------|--------------------------------------|
| <input type="checkbox"/> Open Channel Flow | <input type="checkbox"/> Clamp-on Ultrasonic | <input type="checkbox"/> Pitot Tubes |
| <input type="checkbox"/> Turbines | <input type="checkbox"/> Coriolis | <input type="checkbox"/> Mag Meters |
| <input type="checkbox"/> Thermal Mass Flow | | |

TEMPERATURE & PRESSURE

- | | | |
|--------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Temperature & Pressure Transmitters | <input type="checkbox"/> Differential Pressure Gauges | <input type="checkbox"/> Temperature & Pressure Switches |
| <input type="checkbox"/> Pressure Regulators | | |

PROCESS CONTROLLERS

- | | |
|-------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Hybrid Control Systems | <input type="checkbox"/> Signal Loop Controllers |
|-------------------------------------------------|--------------------------------------------------|

HUMIDITY & MOISTURE

- | | | |
|-----------------------------------------|-------------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> RH & Dew Point | <input type="checkbox"/> Moisture in Solids Analysers | <input type="checkbox"/> Trace Moisture |
|-----------------------------------------|-------------------------------------------------------|-----------------------------------------|

RADIOMETRY

- | | | |
|--------------------------------------|----------------------------------|------------------------------------|
| <input type="checkbox"/> Ultraviolet | <input type="checkbox"/> Visible | <input type="checkbox"/> Infra-red |
|--------------------------------------|----------------------------------|------------------------------------|

COMPOSITION

- | | |
|------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Liquid Analysis | <input type="checkbox"/> Gas Analysis |
|------------------------------------------|---------------------------------------|

Please send me more general information about your products and services

I have completed the faxback form and would like to be included in your monthly prize draw

Mr/Ms/Other _____ Initials _____ County: _____ What industry is your Company associated with? _____

Surname: _____ Country: _____ P/c.: _____

Job Title: _____ Tel: _____ Do you have access to the internet? Yes No

Company: _____ Fax: _____ Where did you learn of our Company? _____

Address: _____ Email: _____

_____ Website: _____



ABLE
Instruments & Controls

ABLE Instruments & Controls Ltd.
Cutbush Park, Danehill, Lower Earley, Reading, Berks., RG6 4UT UK
Tel: +44 (0)118 931 1188 Fax: +44 (0)118 931 2161
Email: sales@able.co.uk Website: www.able.co.uk