

Direct Reading Flowmeter



- Gas and liquid flow measurement
- Customised scales available
- Optimum readability
- Precise control at reduced cost
- Removable tubes
- Polycarbonate tube cover

Specifications

Flow Ranges:	
Gas range	20 cc/min - 100 l/min (air equiv.)
Liquid range	2 cc/min - 4.5 l/min (water equiv.)
Scale Length	140mm / 100mm / 30mm
Options:	
Accuracy Class:	1.6 / 2.5 / 4 VDI/VDE
Temperature range:	-15°C to 120°C
Maximum Pressure:	20 bar non shock
Repeatability:	0.5% of Flow
Materials:	316 SS standard
Connections:	Stainless steel or Nickel plated brass 1/4" BSP Female
Seals:	Viton
FlowTube:	Borosilicate glass
Float:	Stainless steel, Anodised Aluminium or Acetal

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

Direct Reading Flowmeter

Direct Reading Flowmeter

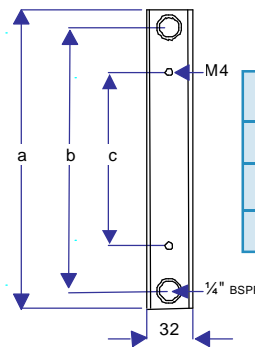
Flow Tubes & Scales

TypeASS		Standard Series Scales @ 20°C and 1.013 bar reference							
Units	Water	Air	Oxygen	Nitrogen	Carbon Dioxide	Argon	Hydrogen	Methane	Propane
	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	—	—	—	—	—	—	—	—
cc/min	50 - 750	50-750	50-700	50-800	50-750	40 - 660	100 - 2000	100 - 1100	100 - 850
l/min	0.1 - 1.2	0.1 - 1.2	0.1 - 1.1	0.1 - 1.2	0.1 - 1.1	—	—	—	—
l/min	0.3 - 3	0.3 - 3	0.4 - 2.8	0.3 - 3	0.3 - 2.8	—	—	—	—
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
l/min	—	1 - 13	1 - 12	1 - 13	1 - 11	—	—	—	—
l/min	—	2 - 26	2 - 25	2 - 28	2 - 20	—	—	—	—
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	—	—	—	—

Customised scales can also be supplied to suit any more specific fluids and operating conditions

TypeALS Long Series Scales			TypeACS Compact Series	
Units	Water H ₂ O	Air	Water H ₂ O	Air
cc/min	2 - 80	—	10 - 80	—
cc/min	—	—	25 - 250	20 - 200
cc/min	10 - 350	—	100 - 700	40 - 400
l/min	—	—	0.2 - 1	0.2 - 1
l/min	0.05 - 1.5	0.05 - 1.8	—	0.5 - 3
l/min	0.2 - 4.6	0.25 - 4.5	—	1 - 6
l/min	—	1 - 30	—	2 - 12
l/min	—	4 - 100	—	4 - 24

Mounting Dimensions



mm	CS	SS	LS
a	133	210	250
b	108	184	226
c	65	121	121

Ordering Codes

Size _____ **AS** **VI** **B**
AC = compact **I**
AS = standard **Material**
AL = long **S** = Stainless steel
B = Nickel plated brass
Style
A = Angled
V1 = Valved ultra fine
V2 = Valved fine
S = straight

0.3-31/min N2
I
 Units and fluids
 from table

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



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

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