UNIFLUX FLOWMETERS

Standard, Compact and **Long** Series are available in a range of materials with optional fine or ultrafine needle control valves.

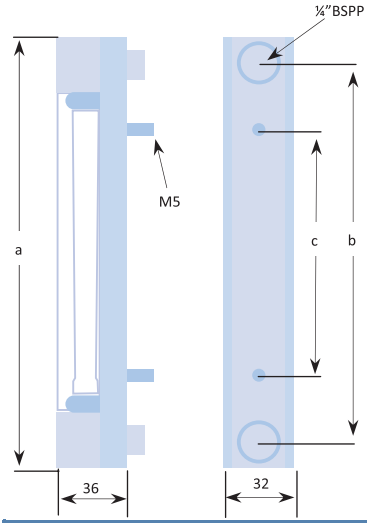
The **BENCH STAND** used with angled connections is ideal for use in laboratories and other testing applications where panel mounting is not practical.

FLOWSENSE infra-red flow alarms can be factory mounted or retro-fitted. Details on page 18.

Flow tubes are available in a wide range of standard scales to suit many common fluids and operating conditions.

CUSTOMISED SCALES are also provided on request, to meet specific fluid requirements or varied conditions of use.

Flow tubes for use in **ANAESTHETIC** equipment are available for medical gases.



mm	Compact	Standard	Long
a	133	210	250
b	108	184	226
c	65	121	121

S | VI1 | B | 5

Length
C=Compact
S=Standard
L= Long

Style
A=Angled
S=Straight
VI1=Integral Valved Ultra Fine
VI2=Integral Valved Fine
VC1=Cartridge Valved Ultra Fine
VC2=Cartridge Valved Fine

Connections
S=Stainless Steel
B=Nickel Plated Brass

Frame Size
5,9 or 15
Obtain tube sizes from tables on pages 12 & 13

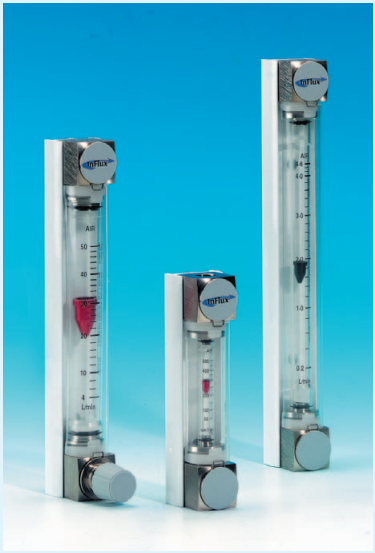
AI 05

Scale Code
Obtain scale code from tables on pages 12 & 13

If the range you require is not listed, a customised scale can be produced. Please supply: Nominal flow rate or preferred range, fluid properties (e.g. density & viscosity), units, working pressure and temperature.

UNIFLUX FLOWMETERS

Low flows
Direct reading
Alarm options
Customised scales
High repeatability
Angled or straight connections
Low pressure drop
Suitable for panel mounting



Specification	
Gas Range	5 cm^3/min – 120 L/min (air equiv.)
Liquid Range	2 cm^3/min – 4.4 L/min (water equiv.)
Scale Length	30/100/140 mm
Accuracy Class	4 / 2.5 / 2.5 VDI / VDE
Repeatability	Better than 0.5%
Temperature	-15°C to 120°C
Connections	¼ ” BSP female, stainless steel or nickel plated brass
Seals	Viton (PTFE valve seals)
Flow Tube	Borosilicate glass
Float	Stainless steel, anodised aluminium or PEEK

INFLUX SELECTION TABLES

Precision. Design. Innovation.

Standard Glass Tubes for Gases @20°C 1 Atm Abs

	Air	Argon (Ar)	Butane (C_4H_{10})	Carbon Dioxide (CO_2)	Carbon Monoxide (CO)	Cracked Ammonia (N:3H)	Helium (He)	Hydrogen (H_2)	Methane (CH_4)	Nitrogen (N_2)	Oxygen (O_2)	Propane (C_3H_8)	Scale Code	Float Material	Tube Size
cm^3/min	5-100	5-80	20-130	10-100	10-100	10-120	5-100	20-250	10-150	5-100	5-90	10-140	02	Titanium	5
	20-250	20-200	50-290	20-250	20-260	30-360	20-280	40-600	40-360	20-250	20-220	4-300	03	Titanium	
	60-600	60-560	100-700	60-600	50-700	-	50-800	-	0.1-0.9	60-600	40-600	100-700	38	Dural	
	50-750	40-660	100-800	50-750	50-800	-	0.05-1.1	0.1-2	0.1-1.1	50-800	50-700	100-850	04	Dural	
L/min	0.1-1.2	0.1-1	0.2-1.2	0.1-1.1	0.1-1.2	0.1-1.8	0.1-1.8	0.2-3.4	0.1-1.7	0.1-1.2	0.1-1.1	0.1-1.2	05	St. Steel	
	0.2-2	0.2-1.7	0.4-2	0.2-1.8	0.2-2	0.3-3	0.2-3	0.4-5.6	0.3-2.8	0.2-2	0.2-1.8	0.3-2.2	36	Dural	9
	0.3-3.4	0.2-2.9	0.5-3	0.3-3	0.3-3.5	0.4-5.8	0.3-5.8	0.5-10	0.4-4.8	0.3-3.5	0.3-3.2	0.5-3.4	06	PEEK	
	0.6-5	0.4-4	0.8-4	0.6-4.4	0.6-5	1-8	0.5-9	1-15	1-7	0.6-5	0.4-4.4	0.8-4.8	07	Dural	
	1-10	1-8	1.5-8	1-8.5	1-10	2-18	2-20	3-34	2-14	1-10	1-9.5	1.5-9	45	St. Steel	
	1-13	1-11	1-10	1-11	1-12	2-22	1-28	2-46	1-18	1-13	1-12	1-11	08	Dural	
	2-26	2-22	2-19	2-20	2-26	4-48	2-60	5-95	3-36	2-27	2-25	2-22	09	St. Steel	
	4-50	4-44	4-36	4-40	6-54	10-90	5-120	10-180	5-70	4-50	4-50	4-40	10	Dural	15
	10-100	10-90	10-70	10-80	10-100	20-180	20-270	40-400	15-135	10-100	10-100	10-85	11	St. Steel	
	AI	AR	BU	CD	CM	CA	HE	HY	ME	NI	OX	PR			

For use with Uniflux (1/4") , LPL (RH) or Fluxline (1/2") Flowmeters. For compact and long tubes please refer to alternative scales table.