

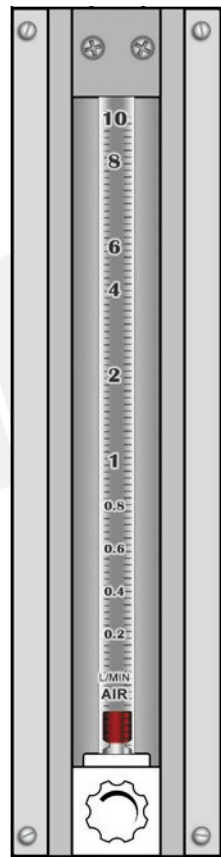
UHP Flowmeters

APPLICATIONS

- Inert Gases
- Oxidizing Gases
- Flammable Gases
- Corrosive Gases
- Liquid Cylinder (Gas Delivery)
- Cryogenic Liquid Delivery
- General Purpose
- High Purity
- Ultra High Purity

Key Features

- Ten to one rangeability
- Heavy wall, precision bore, borosilicate glass metering tubes with contrasting background
- Scales fused on metering tubes or scales with conversion chart
- Tube sealed on compression gaskets by threaded seal
- Easy removable tubes without disconnecting the instrument
- Metal side plates and plastic front and back window



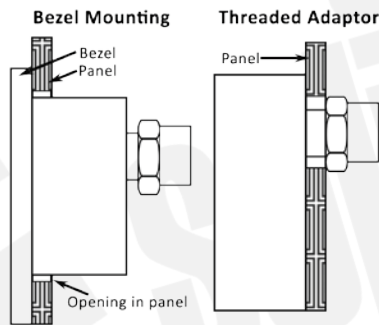
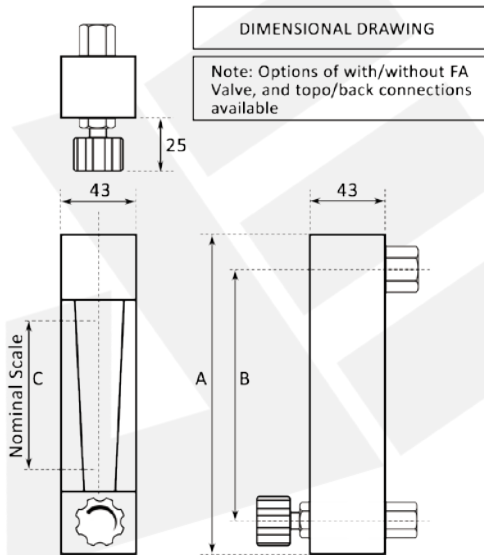
ON THE WEB

- Sell Sheet
- Technical Brochure
- Engineering Specification
- Instruction Manual
- Typical Installation Drawing

Applications

The AEF series of flowmeters provide an economical means of flow rate indication and control for general use, and laboratory applications. The instruments are ideal for common applications like purging services, carrier gas flow rate indication etc., in chromatography and atomic absorption and indication and control of gases in different other applications.

Orientation



Options

Scale Type	Direct Reading Specific Fluid
Accuracy	± 10%, ± 5%, ± 2% of F. S.
Connections	¼" NPT / ⅛" NPT
FA Valve	With / Without, At Inlet / Outlet
Alarm	With / Without
Mounting	Bezel / Adaptor / Table
Entry / Exit	Back / Top / Bottom

A	B	C
173	137	60
223	187	90
303	267	150
373	337	230

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Aneer Engineers Pvt. Ltd.

DIN EN ISO 9001 : 2008 Organisation

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UHP Flowmeters

Specifications

<i>Accuracy (Depends on Flowrange Also)</i>	
± 10% F.S., Optional ± 5% F.S.	
± 10% F.S., Optional ± 5% F.S.	
± 5% F.S., Optional ± 2% F.S.	
± 5% F.S., Optional ± 2% F.S.	
Repeatability	± 0.5%
Rangeability	10:1
» Max operating pressure	1400 kPa (14 bar)
» Max operating temperature	120° C

Materials

Fittings	304 SS / 316 SS / Brass
Connections	304 SS / 316 SS / Brass
Sideplate	Anodized Aluminium
Metering Tube	Borosilicate Glass
Float	Glass / Aluminium / 316 SS
Float Stop	Teflon / PA
Tube Packing	Viton / Neoprene
O-Ring	Viton / Neoprene
Adjusting Knob	ABS Plastic

Ordering Information

AEF - - - - - - - - - - -

Construction	Inscribe
304 SS (Standard)	1
316 SS	2
Brass	3

Range	Inscribe
20 - 200 cc/min	02C
50 - 500 cc/min	05C
100 - 1000 cc/min	10C
0.2 - 2 Litres/min	02L
0.5 - 5 Litres/min	05L
1 - 10 Litres/min	10L
2 - 20 Litres/min	20L
3 - 30 Litres/min	30L
4 - 40 Litres/min	40L
5 - 50 Litres/min	50L

Gas Service	Inscribe
Oxygen	OX
Helium	HE
Nitrogen	NI
Argon	AR
Hydrogen	HY
Acetylene	DA
Carbon Dioxide	CA
Nitrous Oxide	NO
Zero Air	AI

Alarm	Inscribe
No Alarm	0
With Alarm	1

FA Valve	Inscribe
No FA Valve	0
Valve at Inlet	1
Valve at Outlet	2

Mounting	Inscribe
Bezel	B
Table Mount Base	T

Entry (Outlet)	Inscribe
Top	1
Back	2

Entry (Inlet)	Inscribe
Bottom	1
Back	2

Inlet Connection	Inscribe
¼" NPT (Female) Port	00
¼" NPT (Male)	01
⅜" Compression Fitting	02
¼" Compression Fitting	03
4 mm Hose barb	18
6 mm Hose barb	19
8 mm Hose barb	20
Pushfit Connection for 4 mm PU Tube	4MMPU
Pushfit Connection for 6 mm PU Tube	6MMPU
Pushfit Connection for 8 mm PU Tube	8MMPU

Outlet Connection	Inscribe
¼" NPT (Female) Port	00
¼" NPT (Male)	01
⅜" Compression Fitting	02
¼" Compression Fitting	03
4 mm Hose barb	18
6 mm Hose barb	19
8 mm Hose barb	20
Pushfit Connection for 4 mm PU Tube	4MMPU
Pushfit Connection for 6 mm PU Tube	6MMPU
Pushfit Connection for 8 mm PU Tube	8MMPU

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