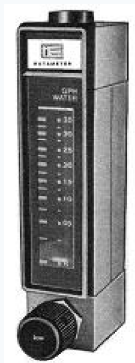


IE-MITE "37" Low Flow Armored Flowmeter

VARIABLE AREA FLOWMETERS – LOW-COST / PURGE

Description

The IE Ar-Mite "37" is a low-flow, low-cost metal tube flowmeter with all-wetted parts of 316 stainless steel. The magnetically-coupled indicator is housed in a high-impact, polyester housing. The unit is designed as a practical and economical approach to low flow rate indication for liquids and gases where glass tube meters are undesirable because of high pressure or difficult to handle fluids.



IE-MITE "37" LOW FLOW ARMORED FLOWMETER

Design Features

- All-wetted metal parts 316 Stainless Steel
- Impact resistant, polyester housing
- Front panel mounting
- Compact Size

Scales

Nominal length – 65 mm Types – direct-reading scales in English or metric units for air at STP or water, millimetre reference with air or water calibration data sheet.

Connections

1/4" Female NPT – Horizontal Inlet and Outlet

Accuracy

Standard accuracy + 10%, full scale

Repeatability

Within 2% of instantaneous reading.

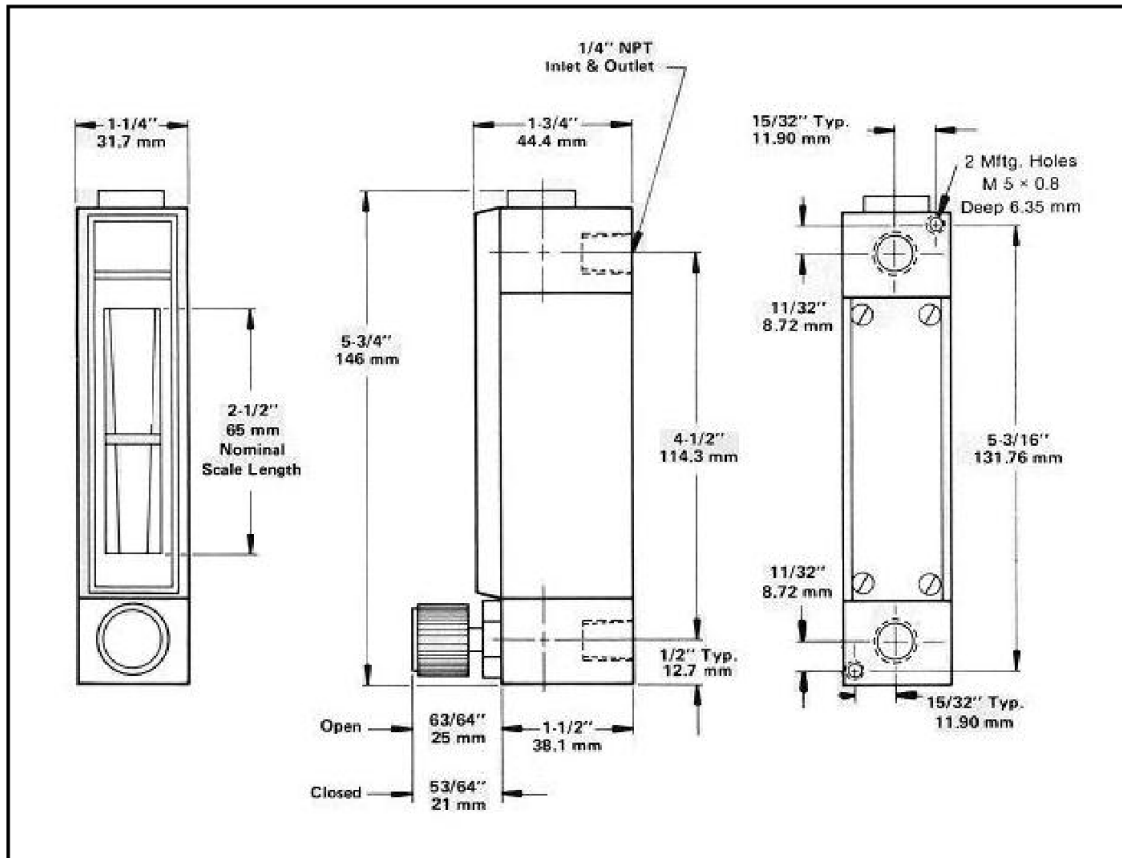
Materials Of Construction

METER TUBE, FITTINGS, CLEAN-OUT PLUG, FLOAT STOP – 316 Stainless Steel HOUSING – Glass-Fitted Polyester FLOAT – 316 Stainless Steel (integral magnet) VALVE PLUG OR OPTIONAL VALVE – 316 Stainless Steel O-RINGS – Standard – Viton, Optional – Neoprene Optional Equipment IE Line III Valve – Inlet only Integrally-piped flow controller for constant upstream or Special Scales.

Meter Size	Flow Range					
	Water		Air ++			
	gph	lph	scfh	m3n/h	in/h	Slpm
1	.035-.35	.13-1.3	.2-2.2	--	5.7-57	.1-1.0
2	.095-.95	.36-3.6	.5-5	--	13-130	.2-2.3
3	.28-2.8	1-10.6	1.3-13	.034-.34	--	.6-6.0
4	.55-5.5	2.1-21	2.4-24	.063-.63	--	1.1-11
5	1.1-11	4.2-42	5.5-55	.14-1.44	--	2.6-26

++ Capacities are at metering conditions of 70 °F (21.1 °C)

Dimensions (For certified dimension prints, write to factory.)



Specifications subject to change without notice.