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Med-Tech Gases, Inc.
 1-800-FINE-GAS (346-3427)
 www.medtechgases.com

EFR 1000 SERIES ACRYLIC FLOWMETERS

The EFR 1000 series of flowmeters are an ideal low cost solution for measuring flow rates of inert and non-corrosive gases. These flowmeters are machined from solid acrylic blocks that have integral metering tubes that provide precise readings even in challenging service applications. The 1/8" FNPT inlet and outlet connections are contained in brass inserts to ensure a secure, leak-free connection to prevent cracking of the acrylic body.

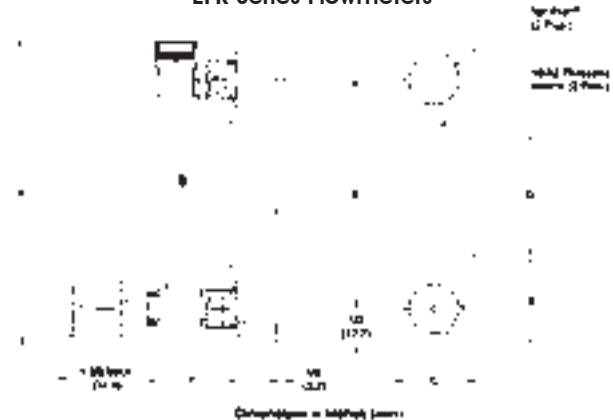


Specifications and Materials of Construction

Accuracy	+/-5% of Full Scale
Repeatability	+/-1% of Scale Reading
Maximum Inlet Pressure	100 PSIG
Temperature Operating Range	0° - 150°F
Floater	See Table
Body	Clear Machined Acrylic
Seals	Buna-N
Fittings	Brass
Inlet and Outlet	1/8" NPT Female Standard on 3" Centers

Part Number	Float Range Air	Float
16021	0.1 - 1 SCFH	Glass
16022	0.2 - 2 SCFH	Stainless Steel
16023	0.4 - 5 SCFH	Glass
16024	0.5 - 10 SCFH	Glass
16025	2 - 20 SCFH	Stainless Steel
16026	3 - 30 SCFH	Stainless Steel
16027	4 - 50 SCFH	Glass
16028	10 - 100 SCFH	Stainless Steel
16029	20 - 200 SCFH	Stainless Steel
16030	0.04 - 0.5 LPM	Glass
16031	0.1 - 1 LPM	Stainless Steel
16032	0.4 - 5 LPM	Glass
16033	1 - 10 LPM	Glass
16034	2 - 25 LPM	Stainless Steel
16035	4 - 50 LPM	Glass
16036	10 - 100 LPM	Stainless Steel
16037	0.2 - 2.5 LPM	Stainless Steel

EFR Series Flowmeters



Model	DIMENSIONS		INCHES				
	MILLIMETERS (MM)						
	A	B	C	D	E	F	G
FR1000	4" (102)	3" (76.2)	1" (25.4)	1-5/8" (41.3)	1-3/16" (30.2)	1-1/8" (28.6)	1/8"

OPTIONAL ACCESSORIES

Part Number	Description	Materials of Construction
15995	Tripod for single channel flowmeter	N/A
15996	1/8" MNPT X 1/4" tube fitting	Stainless Steel
15997	1/8" MNPT X 1/4" tube fitting	Brass
15998	1/8" MNPT X 1/4" hose barb fitting	Stainless Steel
15999	1/8" MNPT X 1/4" hose barb fitting	Brass

NOTE: Specific Gravity Conversion chart available on Smith website.



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