



TECHNICAL DATA SHEET

OUTSTANDING FEATURES

- Low cost.
- Outstanding accuracy.
- Provides wide flow ranges (10:1 to 100:1 turndown ranges available).
- Wide variety of process connections available.
- Wide selection of construction materials.
- Operate over a wide range of temperatures and pressures.



SELECT YOUR BEST OPTION (QUALITY PERFORMANCE AND SERVICE) TURBINE FLOWMETER

Nominal Size	NOMINAL FLOW RANGE (GPM)				NOMINAL FLOW RANGE (LPM)			
	Low Range (GPM)	High Range (GPM)	Nominal Range (GPM)	Typical Range (GPM)	Low Range (LPM)	High Range (LPM)	Nominal Range (LPM)	Typical Range (LPM)
1/4"	20-200	1.0-10.0	20-200	20-200	20-200	1.0-10.0	2000-20000	200-2000
1/2"	25-250	1.25-12.5	25-250	25-250	25-250	1.25-12.5	2500-25000	250-2500
1"	100-1000	4.75-47.5	100-1000	100-1000	100-1000	4.75-47.5	10000-100000	1000-10000
1 1/2"	175-1750	8.4-84.0	175-1750	175-1750	175-1750	8.4-84.0	17500-175000	1750-17500
2"	250-2500	12.5-125	250-2500	250-2500	250-2500	12.5-125	25000-250000	2500-25000
3"	400-4000	20-200	400-4000	400-4000	400-4000	20-200	40000-400000	4000-40000
4"	600-6000	30-300	600-6000	600-6000	600-6000	30-300	60000-600000	6000-60000
6"	1000-10000	50-500	1000-10000	1000-10000	1000-10000	50-500	100000-1000000	10000-100000
8"	1500-15000	75-750	1500-15000	1500-15000	1500-15000	75-750	150000-1500000	15000-150000
10"	2000-20000	100-1000	2000-20000	2000-20000	2000-20000	100-1000	200000-2000000	20000-200000
12"	2500-25000	125-1250	2500-25000	2500-25000	2500-25000	125-1250	250000-2500000	25000-250000

MP not recommended in 2" and larger sizes

NOTE: Refer to our literature website for detailed application and/or size flow and/or rate flow ranges. Consult with our applications group for further assistance. * Turndown flow ranges are 10:1 through 100:1 depending upon bearing design. Consult applications group for additional information.

SPECIFICATIONS

Overrange: 150% of maximum flow (differential only).
Linearity: ± 0.5% of reading (± 0.25% typical) over fabricated linear flow range.
Repeatability: ± 0.1% (± 0.05% typical) over fabricated repeatable range.
Available Turndown Range: 10:1 to 100:1
Available Temperature Range: -250°F to +250°F
 Standard, high temperature option to +350°F. Refer to various flowmeter configurations for pressure ratings, outline dimensions and available sizes.

Pressure Drop Characteristics: 0 to 5 PSI at maximum linear flow rate at one CSTR.
End Fittings: Available in NPT, MS Flared and Flanged styles. Other types available on request.
Bearing Styles: Ceramic hybrid ball bearings and sleeve bearings in tungsten carbide and hard carbon composite are available.
Materials: 316/316L dual coated stainless steel standard. Consult with applications group for corrosive applications. Broad material list available.