

## FEATURES

- ✓ Heavy duty stainless steel.
- ✓ Thick polycarbonate safety shields.
- ✓ Fluted or plain tapered tubes.
- ✓ Direct reading metric and English system scales.
- ✓ Unique design facilitates ease of maintenance cleaning processes.

Heavy-duty flow meters are fully enclosed in a brushed stainless steel case. Ideal for industrial applications with flow rates of up to 116 GPM / 440 L/min and 250 SCFM / 7080 L/min. Used for flow measurements of liquids (water) and gases (air). Meters are graduated for direct reading of water and air.



Flow meters come with FNPT or flanged end fittings for easy in-line installation. Wetted parts include borosilicate glass flow tubes, Viton® O-rings, and 316 Stainless steel fittings, guide rods, floats and float stops.

### Flanged Style Meter



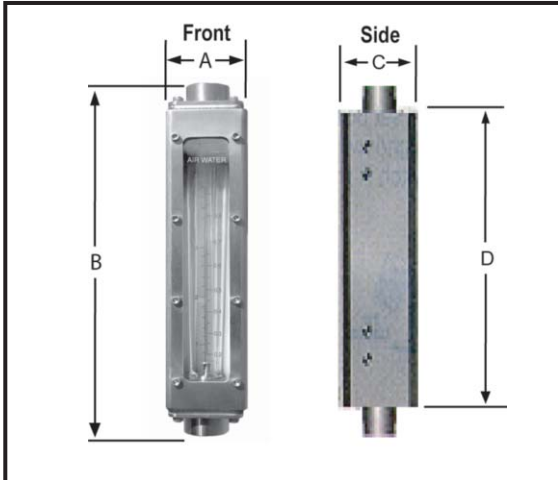
### Industrial Stainless Steel In-Line Flow Meters

#### \*SPECIFICATIONS

<b>ACCURACY</b>	±3% of full scale.
<b>MINIMUM FLOW RATE</b>	Approximately 10% of maximum flow rate.
<b>REPEATABILITY</b>	±0.5% of full scale.
<b>MAXIMUM PRESSURE AT 200 °F (93 °C)</b>	200 psig / 9.6 bars (tube sizes 3, 4, 5 and 6). 125 psig / 14.8 bars (tube sizes 8 and 9).
<b>MAXIMUM OPERATING TEMPERATURE</b>	200 °F (93 °C).
<b>FLOW TUBES</b>	Heavy walled borosilicate glass.
<b>FITTINGS IN CONTACT WITH FLUIDS</b>	316 Stainless Steel.
<b>FRONT SHIELD</b>	Thick clear polycarbonate and white acrylics.
<b>O-RINGS</b>	Viton®.
<b>OPTIONAL CONNECTIONS</b>	PTFE/ Kalrez®, EPR.
	IN-LINE: 1/2", 1", 2", NPT.
	150 ANSI FLANGED: 3/4", 1-1/2", 2-1/2".

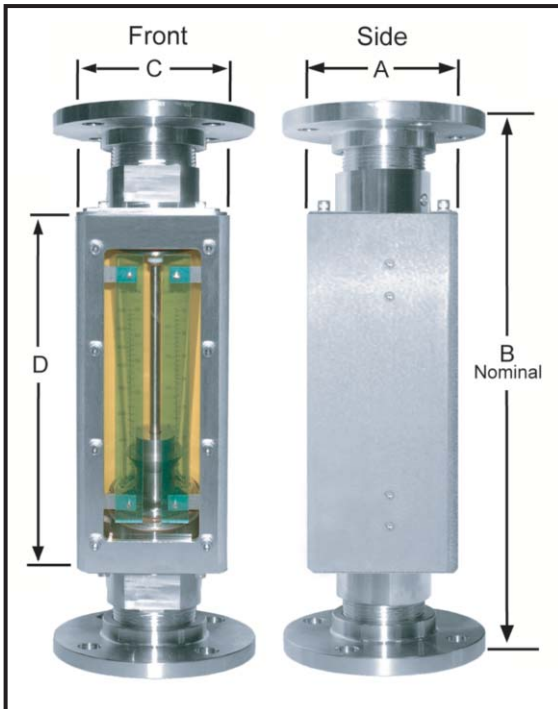
\* The selection of materials of construction, is the responsibility of the customer. The company accepts no liability.

# INDUSTRIAL STAINLESS STEEL METERS



**DIMENSIONS FOR IN-LINE INDUSTRIAL STAINLESS STEEL METERS**

NPT (F)	A	B	C	D
1/2"	2	9.54	2.25	8.04
1"	3.5	13.69	3.75	10.50
2"	5	15.59	5.25	11.55



**DIMENSIONS FOR FLANGED INDUSTRIAL STAINLESS STEEL METERS**

Flange Size	A	B (Nominal)	C	D
3/4"	2	9.58	2.25	8.04
1 1/2"	3.5	14.15	3.75	10.50
2 1/2"	5	17.98	5.25	11.55

**TABLE 33-1, IN-LINE METERS**

CATALOG NUMBER	MAX FLOW RATE				PRESSURE DROP ("OF H <sub>2</sub> O)	TUBE SIZE	NPT CONNECTION	PRICE
	WATER (GPM)	AIR (SCFM)	WATER (L/min)	AIR (L/min)				
6AM6101MJ	0.25	1.2	.95	35	-	3	1/2"	\$484.00
6AM6102MJ	0.36	1.7	1.3	50	2	3		
6AM6103MJ	0.76	3.3	3.0	90	5	3		
6AM6104MJ	1.0	4.2	3.7	120	6	4		
6AM6105MJ	1.5	6.5	5.6	180	-	4		
6AM6106MJ	2.2	8.5	8.2	250	10	4		
6AM6107MK	3.8	16	14	475	10	5	1"	\$561.00
6AM6108MK	5.0	21.5	18	650	14	5		
6AM6109MK	6.0	25.5	20	725	5	6		
6AM6110MK	7.4	30	27.5	900	6	6		
6AM6111MK	9.6	40	35	1200	10	6		
6AM6112MK	11	47.5	40	1400	13	6		
6AM6113MK	14	62	50	1800	24	6	2"	\$1034.00
6AM6114MK	20	90	75	2600	39	6		
6AM6115MK	22	90	83	2550	16	8		
6AM6116MK	26	-	98	-	70	6		
6AM6117MK	41	160	155	4531	5	9		
6AM6118MK	44	180	167	5098	30	8		
6AM6119MK	60	245	227	6938	16	9	2"	\$1034.00
6AM6120MK	61	250	231	7080	40	8		
6AM6121MK	86	-	326	-	25	9		
6AM6122MK	116	-	439	-	45	9		

**TABLE 33-2, FLANGED METERS**

CATALOG NUMBER	MAX FLOW RATE				PRESSURE DROP ("OF H <sub>2</sub> O)	TUBE SIZE	FLANGE CONNECTION	PRICE
	WATER (GPM)	AIR (SCFM)	WATER (L/min)	AIR (L/min)				
6AM8101MJ	0.25	1.2	.95	35	-	3	3/4"	\$568.00
6AM8102MJ	0.36	1.7	1.3	50	2	3		
6AM8103MJ	0.76	3.3	3.0	90	5	3		
6AM8104MJ	1.0	4.2	3.7	120	6	4		
6AM8105MJ	1.5	6.5	5.6	180	-	4		
6AM8106MJ	2.2	8.5	8.2	250	10	4		
6AM8107MK	3.8	16	14	475	10	5	1 1/2"	\$751.00
6AM8108MK	5.0	21.5	18	650	14	5		
6AM8109MK	6.0	25.5	20	725	5	6		
6AM8110MK	7.4	30	27.5	900	6	6		
6AM8111MK	9.6	40	35	1200	10	6		
6AM8112MK	11	47.5	40	1400	13	6		
6AM8113MK	14	62	50	1800	24	6	2 1/2"	\$1379.00
6AM8114MK	20	90	75	2600	39	6		
6AM8115MK	22	90	83	2550	16	8		
6AM8116MK	26	-	98	-	70	6		
6AM8117MK	41	160	155	4531	5	9		
6AM8118MK	44	180	167	5098	30	8		
6AM8119MK	60	245	227	6938	16	9	2 1/2"	\$1379.00
6AM8120MK	61	250	231	7080	40	8		
6AM8121MK	86	-	326	-	25	9		
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