



AW FLOW METERS

TRG-1100 Series Turbine Flowmeter



Technical Specifications:

- Flow ranges 0.08 to 5,000 GPM
- Accuracy $\pm 1\%$ of actual flow
- Pressure rating up to 5,000 PSI
- Economical Cost
- Fourteen flow ranges available
- 316 Stainless Steel body
- Stainless Steel rotor
- Easy maintenance design

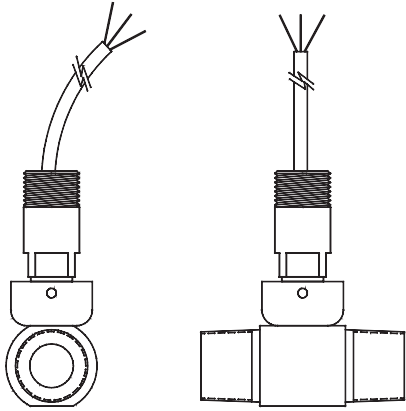
What is a TRG-1100 Turbine flow meter?

The TRG-1100 series turbine flow meter is designed and constructed of 316 stainless steel with connections available in threaded or flanged ends, for an economical and reliable flow measurement of water, solvents and other lower viscosity fluids. The tungsten carbide bearing design provides accurate and repeatable measurements.



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Meter Technical Data

Materials of Construction:

Body:	316 Stainless Steel
Rotor:	Stainless Steel
Rotor Shaft:	Tungsten Carbide
Rotor Support:	316 Stainless Steel
Accuracy:	± 1% of actual reading
Turn Down Ratio:	10:1
Repeatability:	± 0.1%
Temperature:	-150° F to 450° F

(Temperature rating is flow meter only)

Part Number	Flow Range - GPM	K-Factor Pulses Per Gallon	End Connections	Filtration (Microns)	Pressure Rating (PSI)
TRG-11.250-5	0.08 to 0.4	125,000	1/2" Male NPT	100	5,000
TRG-11.300-5	0.13 to 1.06	91,500	1/2" Male NPT	100	5,000
TRG-11.375-5	0.3 to 3	48,000	1/2" Male NPT	100	5,000
TRG-11.500-5	0.9 to 9	15,000	1/2" Male NPT	100	5,000
TRG-11.750-5	1.6 to 16	10,500	1/2" Male NPT	300	5,000
TRG-11.750	1.6 to 16	10,500	1" Male NPT	300	5,000
TRG-11.875	3.2 to 32	1,450	1" Male NPT	300	5,000
TRG-1110	5.3 to 53	800	1-1/2" Male NPT	300	5,000
TRG-1120L	13 to 200	400	2" Male NPT	300	5,000
TR-1130	60 to 600	57	Grooved End 3"	200	800
TR-1140	100 to 1,200	29	Grooved End 4"	200	800
TR-1160	200 to 2,500	7	Grooved End 6"	4,750	800
TR-1180	250 to 3,500	3	Grooved End 8"	4,750	800
TR-1100	500 to 5,000	2	Grooved End 10"	4,750	800

Model	Sensor Types	Meter Compatibility
MAG-P	Pulse Sensor - No Amplifier Required	TRG Turbine Flow Meters
MG-300	Magnetic Pick-up *	TR Turbine Flow Meters Only
JV-400/E or /EX	Meter Mounted Amplifier	TR Turbine Flow Meters Only
FIP	Meter Mounted Analog Output Sensor	TRG Turbine Flow Meters Only
RT-Ex 10x	Battery-Powered Meter Mounted Flow Indicator	TR and TRG Turbine Flow Meters
RT-Ex 15x	Battery-Powered Meter Mounted Flow Indicator	TR and TRG Turbine Flow Meters

* For models TR-1130 to TR-1100 the display used with the sensor must detect an input signal down to 30 mVolts or amplification will be needed. In such cases we recommend the following amplifier options: JV-400/AW Signal Amplifier Module or use JV-400/E or JV-400/EX meter mounted amplifier.