## TRG SERIES - STANDARD TURBINE FLOW METER

Ideal turbine flow meter for monitoring solvents and other lower viscosity fluids, such as antifreeze and fuel measurement.



## **TECHNICAL SPECIFICATIONS**

Measuring Accuracy

± 1.0% of reading or better

Repeatability

± 0.1%

Flow Measuring Range
.08 to 200 GPM (gal/min)

Turn Down Ratio

Maximum Operating Pressure\* Working pressure up to 5,000 psi

Maximum Operating Temperature

Fluid temperature of -150° to 450°F

Standard Calibration Media Tap water @ 70°F Temperature

End Connections

## **BENEFITS**

## Rugged & Cost-Effective

The sturdy construction of this turbine flow meter means high performance and longer service life at an affordable price.

## **Industry Standard**

The TRG Series flow meter comes with a standard NPT end connection for universal applications.

### Versatile

This meter is capable of measuring flow in line sizes from 1/2" to 2".

## **Electronic Integration**

This meter can provide displayed flow rate, totalization, current or voltage outputs through a variety of compatible electronics.

#### Simplified Maintenance

The TRG Series was designed with only one moving part for easy cleaning and maintenance.

Explosion Proof (EX) Options Available

## MATERIALS OF CONSTRUCTION

Rotor Support	303 Stainless Steel		
Body	316L Stainless Steel		
Rotor Shaft	Tungsten Carbide		
Impeller	420 Stainless Steel		

## **RECOMMENDED SENSORS**

Model	Sensor Type	Temp (°F)				
MAG-PB	Pulse Sensor - No Amplifier Required	-40 to 185				
FIP-4HS	4-20 mA Output Sensor	-40 to 185				
Meter Mounted Displays:						
Non EX Meters						
RT-10A	Battery-Powered monitor	0 to 140				
RT-30 SD	24 VDC Powered monitor	0 to 140				
EX Meters						
HUB-40EX	Hazardous area rated sensor	-40 to 140				
RT-30EX	Hazardous area rated local flow rate transmitter	-6 to 140				

<sup>\*</sup> For additional sensors available, contact factory. Other outputs available upon request.



<sup>\*</sup> Electronic sensor dependent.

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Ideal turbine flow meter for monitoring solvents and other lower viscosity fluids, such as antifreeze and fuel measurement.

## **METER SPECIFICATIONS**

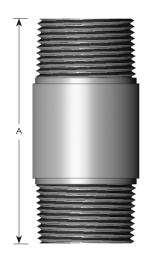
Part Number	Flow Range (gal/min)	K-Factor* (pulses/gal)	Porting	Filtration (micron)	Pressure Rating (psi)	Weight (lbs)
TRG-11.250-5 (EX2) <sup>1</sup>	0.08 to 0.4	125,000	1/2" Male NPT	100	5,000	0.75
TRG-11.300-5 (EX2) <sup>1</sup>	0.13 to 1.06	91,500	1/2" Male NPT	100	5,000	0.75
TRG-11.375-5 (EX2) <sup>1</sup>	0.3 to 3	48,000	1/2" Male NPT	100	5,000	0.75
TRG-11.500-5 (EX2) <sup>1</sup>	0.9 to 9	15,000	1/2" Male NPT	100	5,000	0.75
TRG-11.750-5 (EX2) <sup>1</sup>	1.6 to 16	10,500	1/2" Male NPT	300	5,000	0.75
TRG-11.750 (EX2) <sup>1</sup>	1.6 to 16	10,500	1" Male NPT	300	5,000	1.25
TRG-11.880** (EX2)1	3.2 to 32	2,900	1" Male NPT	300	5,000	1.50
TRG-1110 (EX2)1	5.3 to 53	800	1-1/2" Male NPT	300	5,000	2.50
TRG-1120L (EX2) <sup>1</sup>	13 to 200	400	2" Male NPT	300	5,000	3.25

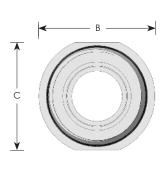
<sup>\*</sup>K-Factors given are averaged. A calibration sheet accompanies every meter sold. \*\*This is a direct replacement for the TRG-11.875 and has a doubled K-Factor. ¹EX2 versions available.

## **METER DIMENSIONS**

Part Number	Α	В	С
TRG-11.250-5 (EX2) <sup>1</sup>	3.00"	1.35"	1.20"
TRG-11.300-5 (EX2) <sup>1</sup>	3.00"	1.35"	1.20"
TRG-11.375-5 (EX2) <sup>1</sup>	3.00"	1.35"	1.20"
TRG-11.500-5 (EX2) <sup>1</sup>	3.00"	1.35"	1.20"
TRG-11.750-5 (EX2) <sup>1</sup>	3.00"	1.35"	1.20"
TRG-11.750 (EX2) <sup>1</sup>	3.00"	1.55"	1.40"
TRG-11.880 (EX2) <sup>1</sup>	3.00"	1.55"	1.40
TRG-1110 (EX2) <sup>1</sup>	3.00"	2.15"	1.95"
TRG-1120L (EX2) <sup>1</sup>	4.00"	2.70"	2.55"

<sup>1</sup>EX2 versions available.





Products may be subject to change without notice - Contact factory for the most up-to-date product information.

