



# Precision Meters - ANSI Flange

## Model GFT 150# RF ANSI Flange Fitting



GFT shown here  
with Local Display



**ACCURACY: ± 0.5%**

### Select Your Meter Size:

3/4 inch    1-1/2 inch    3 inch  
1 inch    2 inch



### For Your Special Application Needs:

**Model GFP**  
For Chemicals  
(These models not available in 3 inch)

**Model GFT HT**  
For High Temperatures



#### Sensor:

- Standard Pickup (3/4 to 3 inch turbines)

#### Electronics Options:

- GG510 (Display with Pulse Output)
- GX510 (Display with 4-20 mA Output)
- GA510 (4-20 mA Output)
- SC510 (Scaled Pulse Output)

### MODEL GFT - SPECIFICATIONS

<b>Design Type:</b>	Turbine		
<b>Housing Material:</b>	316 Stainless Steel		
<b>Meter Sizes Available:</b>			
For GFT:	3/4"    1"    1-1/2"    2"    3"		
For GFP:	3/4"    1"    1-1/2"    2"    —		
For High Temperature:	3/4"    1"    1-1/2"    2"    —		
<b>Flow Range:</b>	<b>3/4" (075)</b>	1.6 - 16 GPM	(6.0 - 60 LPM)
	<b>3/4" (075E)</b>	2.3 - 23 GPM	(8.7 - 87 LPM)
	<b>1" (100)</b>	6.7 - 67 GPM	(25.2 - 252 LPM)
	<b>1-1/2" (150)</b>	17.7 - 177 GPM	(67.0 - 670 LPM)
	<b>2" (200)</b>	33 - 330 GPM	(125.0 - 1250 LPM)
	<b>3" (300)</b>	60 - 600 GPM	(227.1 - 2271 LPM)
<b>Accuracy (Linearity):</b>	± 0.5%		
<b>Repeatability:</b>	± 0.1%		
<b>Pressure Rating:</b>	Flange Rule		
<b>Operating Temperature Range:</b>			
For Tungsten Carbide:	-100°F to +225°F (-74°C to +107°C)		
For SS/PTFE:	-100°F to +185°F (-74°C to +85°C)		
For High Temperature*:	-450°F to +800°F (-268°C to +426°C)		
<b>Typical K-Factor:</b>	<b>3/4" (075)</b>	3,750	
	<b>3/4" (075E)</b>	2,608	
	<b>1" (100)</b>	896	
	<b>1-1/2" (150)</b>	340	
	<b>2" (200)</b>	181	
	<b>3" (300)</b>	50	
<b>Wetted Materials (GFT):</b>			
Housing:	316 Stainless Steel		
Sleeve Bearings:	Tungsten Carbide		
Thrust Bearing:	Tungsten Carbide		
Shaft:	Tungsten Carbide		
Rotor:	CD4MCu Stainless Steel		
Rotor Supports:	316 Stainless Steel		
<b>Wetted Materials (GFP):</b>			
Housing:	316 Stainless Steel		
Sleeve Bearings:	PTFE		
Thrust Bearing:	440C Stainless Steel		
Shaft:	316 Stainless Steel		
Rotor:	CD4MCu Stainless Steel		
Rotor Supports:	316 Stainless Steel		
<b>Recommended Strainer Size:</b>			
	<b>3/4"</b>	40 mesh	
	<b>1"</b>	40 mesh	
	<b>1-1/2"</b>	18 mesh	
	<b>2"</b>	14 mesh	
	<b>3"</b>	14 mesh	
<b>Frequency Output:</b>	<b>3/4" (075)</b>	100 - 1000 Hz	
	<b>3/4" (075E)</b>	100 - 1000 Hz	
	<b>1" (100)</b>	100 - 1000 Hz	
	<b>1-1/2" (150)</b>	100 - 1000 Hz	
	<b>2" (200)</b>	100 - 1000 Hz	
	<b>3" (300)</b>	50 - 500 Hz	

\* Requires High Temp Pickup.

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