

# ANSI FLANGE PRECISION METERS

## Model GFT 150# RF ANSI Flange Fitting



GFT shown here  
with GX510



For complete part number,  
see "Number Reference" chart on page 5.

**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)

### SPECIFICATIONS

<b>Design Type:</b>	Turbine				
<b>Housing Material:</b>	316 Stainless Steel				
<b>Meter Sizes Available:</b>					
<b>For GFT:</b>	3/4"	1"	1-1/2"	2"	3"
<b>For GFP:</b>	3/4"	1"	1-1/2"	2"	—
<b>For High Temperature:</b>	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>					
<b>For Tungsten Carbide:</b>	-100° F to +225° F (-74° C to +107° C)				
<b>For SS/PTFE:</b>	-100° F to +185° F (-74° C to +85° C)				
<b>For High Temperature* :</b>	-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>					
<b>Housing:</b>	316 Stainless Steel				
<b>Sleeve Bearings:</b>	Tungsten Carbide				
<b>Thrust Bearing:</b>	Tungsten Carbide				
<b>Shaft:</b>	Tungsten Carbide				
<b>Rotor:</b>	CD4MCu Stainless Steel				
<b>Rotor Supports:</b>	316 Stainless Steel				
<b>Wetted Materials (GFP):</b>					
<b>Housing:</b>	316 Stainless Steel				
<b>Sleeve Bearings:</b>	PTFE				
<b>Thrust Bearing:</b>	440C Stainless Steel				
<b>Shaft:</b>	316 Stainless Steel				
<b>Rotor:</b>	CD4MCu Stainless Steel				
<b>Rotor Supports:</b>	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.