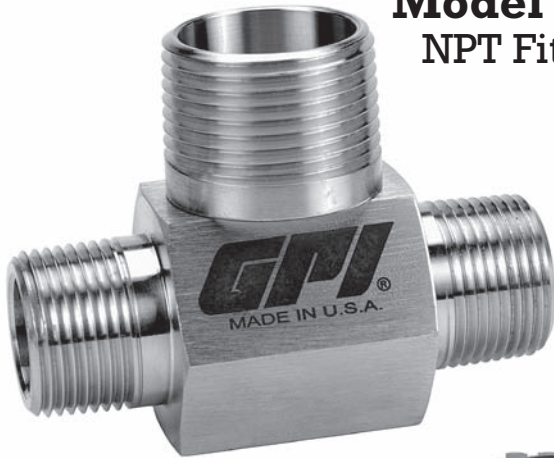




# Precision Meters - GBT, GIT & GNT

## Model GNT NPT Fitting



GNT shown here  
with Local Display



**ACCURACY: ± 0.5%**

### Select Your Meter Size:

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



### For Your Special Application Needs:

#### Model GNT HT

For High Temperatures

(This model is not available in 3 inch)



#### Sensor Options:

- Low Drag Pickup (1/2 in. turbines)
- Standard Pickup (3/4 to 3 in. 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

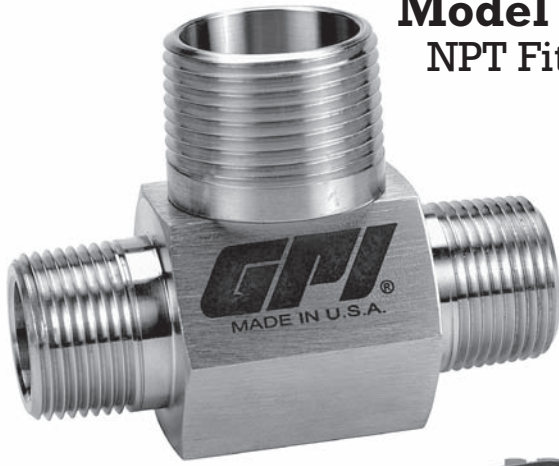
<b>Design Type:</b>	Turbine		
<b>Housing Material:</b>	316 Stainless Steel		
<b>Meter Sizes Available:</b>			
For GNT: NPT Taper (Male)	1/2"	3/4"	1" 1-1/2" 2" 3"
For GBT: BSP (Male)	1/2"	3/4"	1" 1-1/2" 2" 3"
For GIT: ISO Taper (Male)	1/2"	3/4"	1" 1-1/2" 2" 3"
For High Temperature*:	1/2"	3/4"	1" 1-1/2" 2" —
<b>Flow Range:</b>	1/2" (051)	0.8 - 6.0 GPM (3.0 - 22 LPM)	
	3/4" (075)	1.6 - 16 GPM (6.0 - 60 LPM)	
	3/4" (075E)	2.3 - 23 GPM (8.7 - 87 LPM)	
	1" (100)	6.7 - 67 GPM (25.2 - 252 LPM)	
	1-1/2" (150)	17.7 - 177 GPM (67.0 - 670 LPM)	
	2" (200)	33 - 330 GPM (125.0 - 1250 LPM)	
	3" (300)	60 - 600 GPM (227.1 - 2271 LPM)	
<b>Accuracy (Linearity):</b>	± 0.5%		
<b>Repeatability:</b>	± 0.1%		
<b>Pressure Rating:</b>	1/2" to 2" = 5,000 PSI / 340 BAR 3" = 2,500 PSI / 170 BAR		
<b>Operating Temperature Range:</b>			
For Tungsten Carbide:	-100°F to +225°F (-74°C to +107°C)		
For High Temperature*:	-450°F to +800°F (-268°C to +426°C)		
<b>Typical K-Factor:</b>	1/2" (051)	10,000	
	3/4" (075)	3,750	
	3/4" (075E)	2,608	
	1" (100)	896	
	1-1/2" (150)	340	
	2" (200)	181	
	3" (300)	50	
<b>Wetted Materials:</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>Recommended Strainer Size:</b>			
	1/2"	40 mesh	
	3/4"	40 mesh	
	1"	40 mesh	
	1-1/2"	18 mesh	
	2"	14 mesh	
	3"	14 mesh	
<b>Frequency Output:</b>	1/2" (051)	125 - 1000 Hz	
	3/4" (075)	100 - 1000 Hz	
	3/4" (075E)	100 - 1000 Hz	
	1" (100)	100 - 1000 Hz	
	1-1/2" (150)	100 - 1000 Hz	
	2" (200)	100 - 1000 Hz	
	3" (300)	50 - 500 Hz	

\* Requires High Temp Pickup.

BUY SMART. BUY VALUE. BUY



# Precision Meters - GBP, GIP & GNP



**Model GNP  
NPT Fitting**



*GNP shown here  
with Local Display*

**ACCURACY: ± 0.5%**

### Select Your Meter Size:

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



#### Sensor Options:

- Low Drag Pickup (1/2 in. turbines)
- Standard Pickup (3/4 to 3 in. 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>				
For GNP: NPT (Male)	1/2"	3/4"	1"	1-1/2" 2"
For GBP: BSP (Male)	1/2"	3/4"	1"	1-1/2" 2"
For GIP: ISO Taper (Male)	1/2"	3/4"	1"	1-1/2" 2"
<b>Flow Range:</b>	1/2" (050)*	0.6 - 6.0 GPM (2.2 - 22 LPM)		
	1/2" (051)	0.8 - 6.0 GPM (3.0 - 22 LPM)		
	3/4" (075)	1.6 - 16 GPM (6.0 - 60 LPM)		
	3/4" (075E)	2.3 - 23 GPM (8.7 - 87 LPM)		
	1" (100)	6.7 - 67 GPM (25.2 - 252 LPM)		
	1-1/2" (150)	17.7 - 177 GPM (67.0 - 670 LPM)		
	2" (200)	33 - 330 GPM (125.0 - 1250 LPM)		
<b>Accuracy (Linearity):</b>	± 0.5%			
<b>Repeatability:</b>	± 0.1%			
<b>Pressure Rating:</b>	1/2" to 2" = 5,000 PSI / 340 BAR			
<b>Operating Temperature Range:</b>	-100°F to +185°F (-74°C to +85°C)			
<b>Typical K-Factor:</b>	1/2" (050)*	10,000		
	1/2" (051)	10,000		
	3/4" (075)	3,750		
	3/4" (075E)	2,608		
	1" (100)	896		
	1-1/2" (150)	340		
	2" (200)	181		
<b>Wetted Materials:</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>				
	1/2"	40 mesh		
	3/4"	40 mesh		
	1"	40 mesh		
	1-1/2"	18 mesh		
	2"	14 mesh		
<b>Frequency Output:</b>	1/2" (051)*	125 - 1000 Hz		
	3/4" (075)	100 - 1000 Hz		
	3/4" (075E)	100 - 1000 Hz		
	1" (100)	100 - 1000 Hz		
	1-1/2" (150)	100 - 1000 Hz		
	2" (200)	100 - 1000 Hz		

\* 1/2 in. (050) requires RF Pickup.