



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

Design Type:	Turbine		
Housing Material:	316 Stainless Steel		
Meter Sizes Available:			
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" —
Flow Range:	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)	
Accuracy (Linearity):	± 0.5%		
Repeatability:	± 0.1%		
Pressure Rating:	1/2" to 2" = 5,000 PSI / 340 BAR 3" = 2,500 PSI / 170 BAR		
Operating Temperature Range:			
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)		
Typical K-Factor:	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	
Wetted Materials:			
Housing:	316 Stainless Steel		
Sleeve Bearings:	Tungsten Carbide		
Thrust Bearing:	Tungsten Carbide		
Shaft:	Tungsten Carbide		
Rotor:	CD4MCu Stainless Steel		
Rotor Supports:	316 Stainless Steel		
Recommended Strainer Size:			
	1/2"	40 mesh	
	3/4"	40 mesh	
	1"	40 mesh	
	1-1/2"	18 mesh	
	2"	14 mesh	
	3"	14 mesh	
Frequency Output:	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