



# GM007 - 1" Oval Gear Pulse Meter



Meter shown here with  
Electronic choice -5.

**TRANSCAT**

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35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

Use the GM007 with aggressive chemicals and water. The PPS body and rotor materials provide excellent chemical compatibility in this 1-inch meter. This meter is a great choice when you need a rugged and reliable meter.

**ACCURACY:  $\pm 0.5\%$  OF READING**

## Select Your Body Material:

PPS

PPS with Hastalloy C Shafts



## Features and Benefits:

- ✓ PPS body and rotors are excellent for aggressive chemicals.
- ✓ Extremely accurate even with viscous fluids.
- ✓ Handles particles sizes to 0.011"/0.28 mm.
- ✓ Meter design minimizes the number of wearable parts – extending product life.
- ✓ Comes with Reed Switch as standard, Hall Effect Sensor\* optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

## GM007 - SPECIFICATIONS

Fitting Type:	BSP or NPT (Female)
Sensor Options:	Reed Switch or Hall Effect Sensor*
Rotor Material:	PPS
O-Ring:	Fluorocarbon (Standard), PTFE (Optional)
Output Options:	Pulse Out or Local 4-20 mA Transmitter
Display Options:	Local Display Local Display with 4-20 mA Output
Flow Range:	0.8 - 21.0 GPM (3 - 80 LPM)
Flow Range @ < 5 cps:	2.1 - 18.5 GPM (8 - 70 LPM)
Accuracy:	$\pm 0.5\%$ of reading
Repeatability:	$\pm 0.03\%$
Maximum Viscosity:	1,000 cps
Pressure Rating:	150 PSI / 10 BAR
Maximum Temperature:	176°F / 80°C
Typical K-Factor:	
Single Pickup:	197 PPG / 52 PPL
Double Pickup:	394 PPG / 104 PPL
Wetted Mat'l. - Housing:	PPS
Wetted Mat'l. - Bearings:	PPS
Wetted Mat'l. - Shaft:	
PPS:	316 Stainless Steel
PPS with Hastalloy C:	Hastalloy C
Frequency Range:	2.6 - 69.0 Hz @ 0.8 - 21 GPM
Recommended Strainer Size:	60 mesh
Shipping Weight (approx.):	3.0 lbs. (1.3 kg)
Remote Display:	Option Available: Model GG500
Remote Transmitter:	Options Available: Model GA500 & GX500

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\* Hall Effect Sensor requires dedicated power source.

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