



# GM007 - 1" Oval Gear Pulse Meter



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.

### 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 wear-able parts – extending product life.
- ✓ Comes with Read Switch as standard, Hall Effect Sensor optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

### GM007 - SPECIFICATIONS

<b>Fitting Type:</b>	BSP or NPT (Female)
<b>Sensor Options:</b>	Reed Switch / Hall Effect Sensor
<b>Rotor Material:</b>	PPS
<b>O-Ring:</b>	Viton (Standard), Teflon® (Optional)
<b>Output Options:</b>	Pulse Out or Local 4-20 mA Transmitter
<b>Display Options:</b>	Standard LC Display or Local 4-20 mA with Standard Display
<b>Flow Range:</b>	0.8 - 21.0 GPM (3 - 80 LPM)
<b>Flow Range @ &lt; 5 cps:</b>	2.1 - 18.5 GPM (8 - 70 LPM)
<b>Accuracy:</b>	± 0.5% of reading
<b>Repeatability:</b>	± 0.03%
<b>Maximum Viscosity:</b>	1,000 cps
<b>Pressure Rating:</b>	150 PSI / 10 BAR
<b>Maximum Temperature:</b>	176°F / 80°C
<b>Typical K-Factor:</b>	
<b>Single Pickup:</b>	197 PPG / 52 PPL
<b>Double Pickup:</b>	394 PPG / 104 PPL
<b>Wetted Mat'l. - Housing:</b>	PPS
<b>Wetted Mat'l. - Bearings:</b>	PPS
<b>Wetted Mat'l. - Shaft:</b>	
<b>PPS:</b>	316 Stainless Steel
<b>PPS with Hastalloy C:</b>	Hastalloy C
<b>Frequency Range:</b>	2.6 - 69.0 Hz @ 0.8 - 21 GPM
<b>Strainer Size:</b>	60 mesh
<b>Shipping Weight (approx.):</b>	3.0 lbs. (1.3 kg)
<b>Remote Display:</b>	Option Available: Model GG500-7
<b>Remote Transmitter:</b>	Options Available: Model GA500 & GX500-7