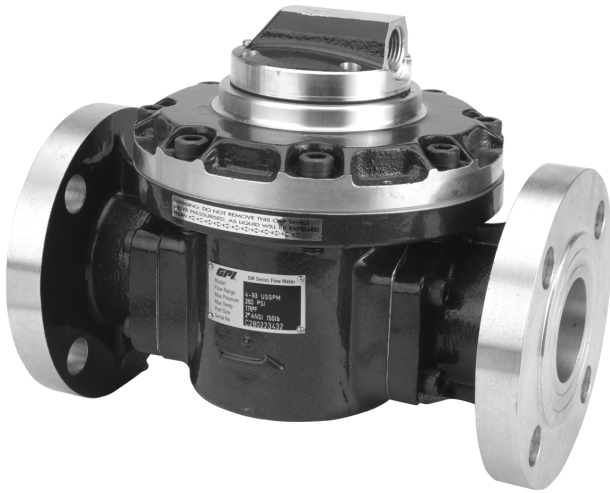




# GM020 - 2" Oval Gear Pulse Meter



The GM020 is the largest of our GM Series Meters. The fitting size is 2 inches on this large meter. This meter includes NPT or BSP fittings as standard. Choose from four rotor options; PPS is standard.

**ACCURACY: ± 0.5% OF READING**

### Select Your Body Material:

- Aluminum
- Stainless Steel



### Features and Benefits:

- ✓ NPT or BSP fittings are standard, 150# ANSI Flanges are optional.
- ✓ 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 Reed Switch as standard, Hall Effect Sensor\* optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

### GM020 - SPECIFICATIONS

<b>Fitting Type:</b>	
<b>Aluminum:</b>	BSP or NPT (Female), 150# ANSI Flange
<b>Stainless Steel:</b>	150# ANSI Flange
<b>Sensor Options:</b>	Reed Switch or Hall Effect Sensor*
<b>Rotor Materials:</b>	PPS or High Viscosity PPS, 316 Stainless Steel or High Viscosity Stainless Steel
<b>O-Ring:</b>	Fluorocarbon (Standard), PTFE (Optional)
<b>Output Options:</b>	Pulse Out or Local 4-20 mA Transmitter
<b>Display Options:</b>	Local Display Local Display with 4-20 mA Output
<b>Flow Range:</b>	4.0 - 92.5 GPM (15 - 350 LPM)
<b>Flow Range @ &lt; 5 cps:</b>	8.0 - 79.0 GPM (30 - 300 LPM)
<b>Accuracy:</b>	± 0.5% of reading
<b>Repeatability:</b>	± 0.03%
<b>Maximum Viscosity:</b>	Standard Rotors: 1,000 cps High Viscosity Rotors: 1,000,000 cps
<b>Pressure Rating:</b>	
<b>Aluminum:</b>	800 PSI / 55 BAR or Flange Rule
<b>Stainless Steel:</b>	Flange Rule
<b>Maximum Temperature:</b>	
<b>PPS Rotors:</b>	176°F / 80°C
<b>SS Rotors:</b>	248°F / 120°C
<b>Typical K-Factor:</b>	
<b>Single Pickup:</b>	25.3 PPG / 6.7 PPL
<b>Double Pickup:</b>	50.6 PPG / 13.4 PPL
<b>Wetted Mat'l. - Housing:</b>	
<b>Aluminum:</b>	Aluminum
<b>Stainless Steel:</b>	316 Stainless Steel
<b>Wetted Mat'l. - Bearings:</b>	PPS / Carbon
<b>Wetted Mat'l. - Shaft:</b>	316 Stainless Steel
<b>Frequency Range:</b>	1.7 - 39.0 Hz @ 4.0 - 92.5 GPM
<b>Recommended Strainer Size:</b>	60 mesh
<b>Shipping Weight (approx.):</b>	
<b>Aluminum:</b>	17.1 lbs. (7.8 kg) - Pulse 20.1 lbs. (9.1 kg) - 150# ANSI Flange
<b>Stainless Steel:</b>	20.1 lbs. (9.1 kg) - Pulse 46.3 lbs. (2.1 kg) - 150# ANSI Flange
<b>Remote Display:</b>	Option Available: Model GG500
<b>Remote Transmitter:</b>	Options Available: Model GA500 & GX500

\* Hall Effect Sensor requires dedicated power source.

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