



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 lb. 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 Read Switch as standard, Hall Effect Sensor* optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

GM020 - SPECIFICATIONS

Fitting Type:	
Aluminum:	BSP or NPT (Female), 150 lb. ANSI Flange
Stainless Steel:	150 lb. ANSI Flange
Sensor Options:	Reed Switch / Hall Effect Sensor*
Rotor Materials:	PPS or High Viscosity PPS, 316 Stainless Steel or High Viscosity Stainless Steel
O-Ring:	Viton (Standard), Teflon® (Optional)
Output Options:	Pulse Out or Local 4-20 mA Transmitter
Display Options:	Standard LC Display or Local 4-20 mA with Standard Display
Flow Range:	4.0 - 92.5 GPM (15 - 350 LPM)
Flow Range @ < 5 cps:	8.0 - 79.0 GPM (30 - 300 LPM)
Accuracy:	± 0.5% of reading
Repeatability:	± 0.03%
Maximum Viscosity:	Standard Rotors: 1,000 cps High Viscosity Rotors: 1,000,000 cps
Pressure Rating:	
Aluminum:	800 PSI / 55 BAR or Flange Rule
Stainless Steel:	Flange Rule
Maximum Temperature:	
PPS Rotors:	176°F / 80°C
SS Rotors:	248°F / 120°C
Typical K-Factor:	
Single Pickup:	25.3 PPG / 6.7 PPL
Double Pickup:	50.6 PPG / 13.4 PPL
Wetted Mat'l. - Housing:	
Aluminum:	Aluminum
Stainless Steel:	316 Stainless Steel
Wetted Mat'l. - Bearings:	PPS / Carbon
Wetted Mat'l. - Shaft:	316 Stainless Steel
Frequency Range:	1.7 - 39.0 Hz @ 4.0 - 92.5 GPM
Recommended Strainer Size:	60 mesh
Shipping Weight (approx.):	
Aluminum:	17.1 lbs. (7.8 kg) - Pulse 20.1 lbs. (9.1 kg) - 150 lb. ANSI Flange
Stainless Steel:	20.1 lbs. (9.1 kg) - Pulse 46.3 lbs. (2.1 kg) - 150 lb. ANSI Flange
Remote Display:	Option Available: Model GG500-50
Remote Transmitter:	Options Available: Model GA500 & GX500-50

* Hall Effect Sensor requires dedicated power source.

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