



# GM505 - 1/2" Oval Gear Mechanical Meter



The GM505 is the 1/2 inch Mechanical Meter in the Oval Gear Series. Use this meter with low to medium flow ranges. The GM505 is available in three fitting/calibration combinations (NPT Gallon, NPT Litre and BSP Litre).

## GM505 - SPECIFICATIONS

Fitting Type:	BSP or NPT (Female)
Sensor Options:	Mechanical Display
Rotor Materials:	PPS or High Viscosity PPS
O-Ring:	Viton (Standard), Teflon® (Optional)
Output Options:	N/A
Display Options:	Mechanical Display
Flow Range:	0.26 - 7.9 GPM (1 - 30 LPM)
Flow Range @ < 5 cps:	0.80 - 6.6 GPM (3 - 25 LPM)
Accuracy:	± 1.0% of reading
Repeatability:	± 0.03%
Maximum Viscosity:	Standard Rotors: 1,000 cps High Viscosity Rotors: 1,000,000 cps
Pressure Rating:	500 PSI / 34.5 BAR
Maximum Temperature:	176°F / 80°C
Typical K-Factor:	N/A
Wetted Mat'l. - Housing:	
Aluminum:	Aluminum
Stainless Steel:	316 Stainless Steel
Wetted Mat'l. - Bearings:	PPS
Wetted Mat'l. - Shaft:	316 Stainless Steel
Frequency Range:	N/A
Recommended Strainer Size:	60 mesh
Shipping Weight (approx.):	
Aluminum:	3.75 lbs. (1.7 kg)
Stainless Steel:	6.5 lbs. (2.9 kg)

**ACCURACY: ± 1.0% OF READING**

### Select Your Body Material:

- Aluminum
- Stainless Steel



### Features and Benefits:

- ✓ Cumulative and Resettable Totals.
- ✓ High viscosity PPS rotors available.
- ✓ 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 easy-to-read Mechanical Display.
- ✓ Certificate of Accuracy supplied with meter.

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