



GM510 - 1" Oval Gear Mechanical Meter



The GM510 is a Mechanical Meter available in Aluminum, Bronze and 316 Stainless Steel body materials. Optional 150 lb. ANSI Flanges are available on the GM510.

ACCURACY: ± 1.0% OF READING

Select Your Body Material:

- Aluminum
- Bronze
- Stainless Steel



Features and Benefits:

- ✓ Cumulative and Resettable Totals.
- ✓ BSP or NPT fittings are standard, optional 150 lb. ANSI Flanges are 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.

GM510 - SPECIFICATIONS

Fitting Type:	
Aluminum:	BSP or NPT (Female), 150 lb. ANSI Flange
Bronze:	BSP or NPT (Female)
Stainless Steel:	BSP or NPT (Female), 150 lb. ANSI Flange
Sensor Options:	Mechanical Display
Rotor Materials:	PPS or High Viscosity PPS, 316 Stainless Steel or High Viscosity Stainless Steel
O-Ring:	Viton (Standard), Teflon® (Optional)
Output Options:	N/A
Display Options:	Mechanical Display
Flow Range:	1.6 - 32 GPM (6 - 120 LPM)
Flow Range @ < 5 cps:	2.6 - 26.4 GPM (10 - 100 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 or Flange Rule
Maximum Temperature:	
PPS Rotors:	176°F / 80°C
SS Rotors:	248°F / 120°C
Typical K-Factor:	N/A
Wetted Mat'l. - Housing:	
Aluminum:	Aluminum
Bronze:	Bronze
Stainless Steel:	316 Stainless Steel
Wetted Mat'l. - Bearings:	PPS / Carbon
Wetted Mat'l. - Shaft:	316 Stainless Steel
Frequency Range:	N/A
Recommended Strainer Size:	60 mesh
Shipping Weight (approx.):	
Aluminum:	4.9 lbs. (2.2 kg) - Pulse 7.0 lbs. (3.1 kg) - 150 lb. ANSI Flange
Bronze:	12.0 lbs. (5.4 kg) - Pulse
Stainless Steel:	11.7 lbs. (5.3 kg) - Pulse 13.6 lbs. (6.2 kg) - 150 lb. ANSI Flange