



GM520 - 2" Oval Gear Mechanical Meter



The GM520 is the Mechanical version of our large capacity meter. Choose from either Aluminum or 316 Stainless Steel body materials. This meter can be mounted horizontally or vertically depending on your application.

ACCURACY: ± 1.0% OF READING

Select Your Body Material:

Aluminum
Stainless Steel



Features and Benefits:

- ✓ Cumulative and Resettable Totals.
- ✓ Five Fitting / Calibration offerings are available, 150 lb. ANSI Flanges are one of the options.
- ✓ Extremely accurate even with viscous fluids.
- ✓ Handles particles sizes to 0.015"/0.38 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.

GM520 - SPECIFICATIONS

Fitting Type:	
Aluminum:	BSP or NPT (Female), 150 lb. ANSI Flange
Stainless Steel:	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:	4.0 - 92.5 GPM (15 - 350 LPM)
Flow Range @ < 5 cps:	7.9 - 79.3 GPM (30 - 300 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:	
Aluminum:	500 PSI / 34.5 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:	N/A
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:	N/A
Recommended Strainer Size:	60 mesh
Shipping Weight (approx.):	
Aluminum:	17.1 lbs. (7.7 kg) - Mechanical 20.1 lbs. (9.1 kg) - 150 lb. ANSI Flange
Stainless Steel:	46.3 lbs. (2.1 kg) - 150 lb. ANSI Flange