



# 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# 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

<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>	Mechanical Display
<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>	N/A
<b>Display Options:</b>	Mechanical Display
<b>Flow Range:</b>	4.0 - 92.5 GPM (15 - 350 LPM)
<b>Flow Range @ &lt; 5 cps:</b>	7.9 - 79.3 GPM (30 - 300 LPM)
<b>Accuracy:</b>	± 1.0% 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>	500 PSI / 34.5 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>	N/A
<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>	N/A
<b>Recommended Strainer Size:</b>	60 mesh
<b>Shipping Weight (approx.):</b>	
<b>Aluminum:</b>	17.1 lbs. (7.7 kg) - Mechanical 20.1 lbs. (9.1 kg) - 150# ANSI Flange
<b>Stainless Steel:</b>	46.3 lbs. (2.1 kg) - 150# ANSI Flange

BUY SMART . BUY VALUE . BUY