



**GM FLOW**

Intelligent simplicity

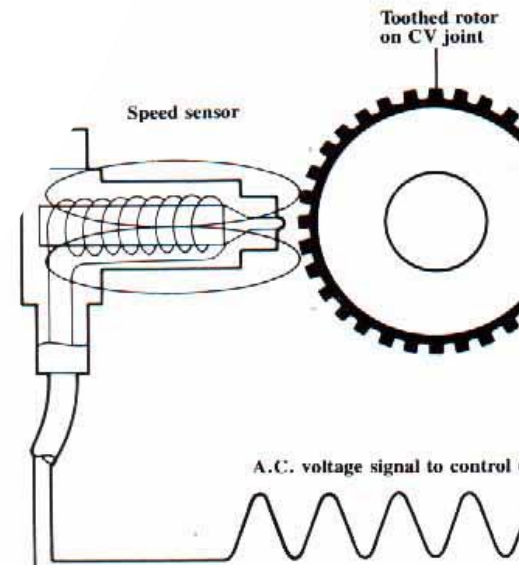
**Integra-Cone™** Flow Meter



## Why The Need for a New Type of Flow Meter?

Current methods:

- Tank Gauging
- Stroke Counter (MC-II) Pump on Drive Shaft
- 1502 Meter





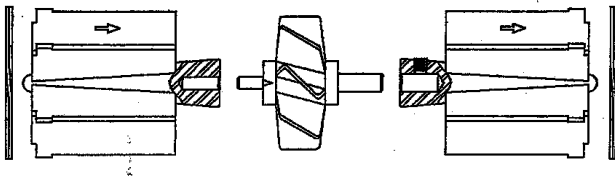
## Pump Stroke/Drive Shaft Counter

- Simple
- Low Cost
- Easy to Implement
- Common Parts
- Varying Pump Efficiency
- Varying Discharge Pressure
- Pressure Compensation - No
- Temperature Compensation - No



## Turbine Meter

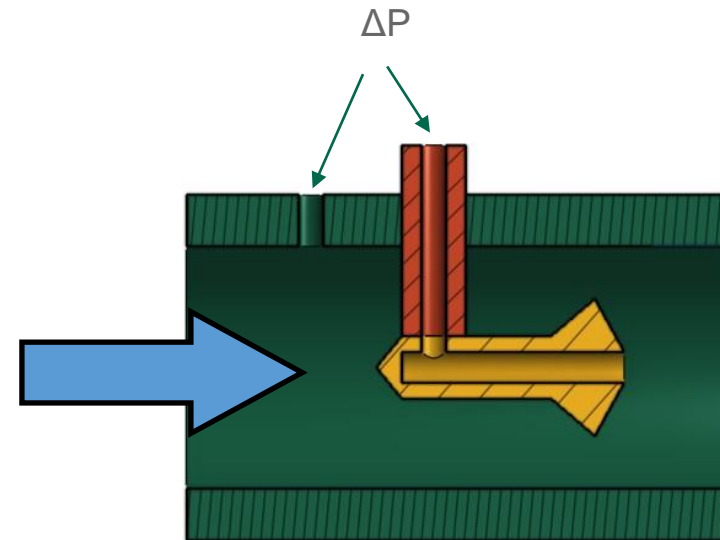
- Responsive
- 10:1 Turndown Ratio
- Compact
- Simple
- Requires Regular Calibration
- Prone to Blockage and Wear
- Requires 10D Upstream Plus Strainer/Straightener
- No Pressure Port for Pressure Correction
- Internals can be Destroyed at Low Pressure
- Requires Special Nitrogen Internals
- +/- 3% Accurate





## Integra-Cone™ Advantages

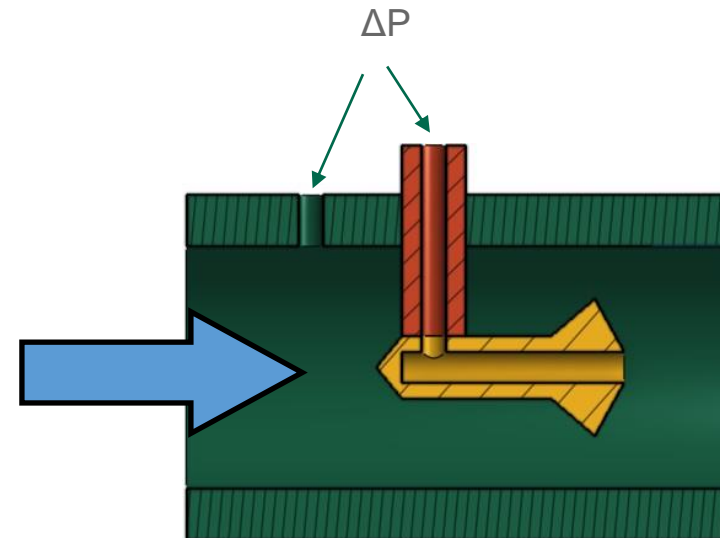
- No Moving Parts
- Smaller Installation Footprint
- Integral Pressure and Temperature Measurement
- Automatic Correction to Standard Conditions
- Wide Flow Range
- +/- 0.5% Accuracy
- Rugged Design
- All Stainless Construction





## Integra-Cone™ Operation

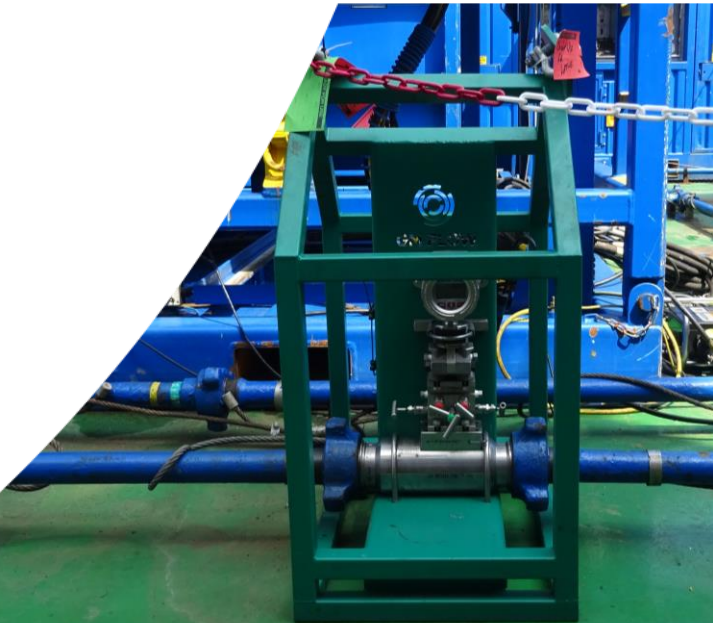
- Measures the Differential Pressure
- Measures the Flowing Pressure
- Measures the Flowing Temperature
- Reports Flow Rate at Standard Conditions





## 1.5" Bore x 2" 1502 Th x Th Connections – 5300 PSI

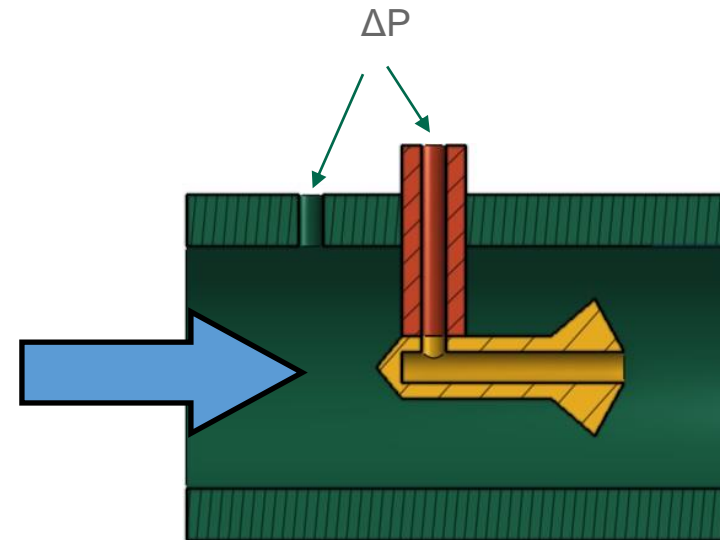
- Battery or Mains Operated
- Rate, Pressure, Temperature & Total
- Data Storage
- RS485 Communications
- Wireless Option





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– QUESTIONS?

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