

## idWedge™

### Wedge Tube Remote seals – Flanged and ChemTee



idFlow offers a complete line of Wedge-Style meters, designed individually to meet specific flow measurement for optimum accuracy and high turn-down ratio

#### FEATURES:

- Suitable for pipes from:  
1/2"(13MM) to 48"(1200MM)
- Integral Transmitter Mount 3 or 5 valve manifold (IT3V-Option)
- Mass Flow Measurement with dynamic process compensation for pressure, temperature and DP with Multivariable transmitter
- End connections:
  - Wafer types (up to 3" - 75MM)
  - Flanged (upto 2500# - 165 Bars)
- Low pressure losses (High energy savings)
- Low pumping costs (1/2 of orifice plate)
- Design Standards: ASME/MFC-3M, ISO-5167, R.W.Miller, ANSI B31.1 and BS-7045
- Materials: CS, SS, Alloy 20, Chrome Moly, and others: Monel, Hastelloy, Duplex SS, Etc.



#### PERFORMANCE SPECIFICATIONS:

<b>Accuracy:</b>	+/- 2% Of Rate – Uncalibrated +/-0.5% Of Rate – Calibrated +/-0.25% Calibrated (Combined with DP Transmitter – IT3V Option)
<b>Repeatability:</b>	+/-0.1% Of Rate (Over entire flow range)
<b>Process Temperature:</b>	Up to 2000 Deg. F (1100 Deg. C)
<b>Pressure Ratings:</b>	Up To 3000 PSI (200 Bars)
<b>Minimum Reynolds Number:</b>	500 Rd
<b>Maximum Pressure Loss:</b>	From 25% to 55% of DP (Depends on pipe size and height ratio)
<b>Turn Down Ratio (TDR):</b>	10 to 1 (Higher with stacked transmitters)
<b>Maximum Viscosity:</b>	5000 Cp (CentiPoise) and higher