

## idPitot™

### Multiport Self Averaging Pitot Tube



idFlow introduces the latest in high performance pitot tube designs

#### FEATURES:

- Precise "WedgeBar" angle for optimum accuracy and high turn-down ratio (TDR)
- Suitable for pipes and ducts from 2"(50MM) to 72"(1800MM)
- Integral Transmitter Mount 3 or 5 valve manifold (IT3V)
- Mass Flow Measurement with dynamic process compensation for pressure, temperature, and DP with Multivariable transmitter
- Integral RTD for process temperature measurements
- Very low pressure losses (High energy savings)
- Low installation costs (1/3 the cost of MAG or venturi meters)
- Fixed and Hot-Tap models
- Materials: 316/316L Stainless Steel (Standard), Others (Option): Monel, Hastelloy, Duplex SS, Etc.



#### PERFORMANCE SPECIFICATIONS:

<b>Accuracy:</b>	+/-1% Of Rate – Uncalibrated +/-0.5% Of Rate – 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>	50,000 Rd
<b>Maximum Pressure Loss:</b>	5% Of DP (Depends on pipe size)
<b>Turn Down Ratio (TDR):</b>	10 to 1 (Higher with stacked transmitters)
<b>Maximum Viscosity:</b>	100 cP (centiPoise)

